ROHDE

Product Catalogue 2025/2026

KILNS CERAMICS

Photo: Wei Ling Khor

Enjoy your **results.**

Quality for **40** years

“ INNOVATION NEEDS **INSPIRATION** ”

The ceramics world is incredibly diverse. It includes teachers and producers, artists and craftspeople, professionals and hobbyists. We maintain regular contact with all these ceramics enthusiasts. Across Germany, Europe, and on other continents, you can join us at ceramics markets, events, trade fairs and, of course, in personal conversations.

Discussing wishes and problems with kiln users is the most important source of inspiration for innovations that are useful in everyday practice. Two examples from this catalogue are the inexpensive and robust KE-L chamber kiln for schools, and ROHDE SolarReady, which makes electricity from photovoltaics for use in ceramic firing. Our commitment is to continue on our path of innovation and maintain our dialogue with you.

Florian Rohde, Stefan Rohde, Benjamin Rohde, Manuel Rohde, Roland Müller (from left to right)

“ Our focus is on delivering superior technology and quality. ”

Benjamin Rohde

INTERVIEW 4

ROHDE WORK 8

KILNS 10
WHICH KILN? 12
OVERVIEW OF KILNS 14

TOPLOADERS 16
ECOTOP 18
TE-S / SX 24
TE-MCC+ 28
TE-Q / BT 30
HE 31
FEATURES 32
TECHNICAL DATA 34

CRAFTSMANSHIP 36

CHAMBER KILNS 38
ROHDE ERGO LOAD SYSTEM 40
S SERIES 42
N SERIES 48
B SERIES / L SERIES 52
LABORATORY KILNS 56
FEATURES 57
TECHNICAL DATA 60

CERAMICISTS ON INSTAGRAM 62

CONTROLLERS 64
MYKILN APP 66
ST 310 / ST 411 / ST 612 / ST 621 / ST 630 / ST 632 68
OVERVIEW / RAW MATERIALS 71

SUSTAINABILITY 72
ROHDE SOLARREADY 72

SUSTAINABILITY 74
POTTERY FOR THE PLANET 74

GAS AND RAKU 78
CERAMICS FIRING WITH GAS 80
TG / KG 82
CERAMICS FIRING WITH RAKU 86
TR / KR 88
GAS AND RAKU BURNERS 92
ACCESSORIES FOR GAS AND RAKU 93

AWARD-WINNING CERAMICISTS 94

MACHINES / EQUIPMENT 98
POTTERY WHEEL 100
BANDING WHEELS 104
SPRAY BOOTH / SEDIMENTATION TANK 106
CLAY CUTTER / SLAB ROLLER 107

ROHDE WIKI 108
FAQ 110
ONLINE TUTORIALS 111
HEATING ELEMENTS / FILLING MATERIAL SETS 112
WARRANTY / SERVICE 114

> “ Many ceramic workshops use **solar power for our kilns.** ”

Close coordination of the product range: Benjamin Rohde, Manuel Rohde (from left).

With more than 130 specialist retailers and partners, Helmut ROHDE GmbH supplies kilns and machinery to over 35 countries worldwide. ROHDE customers include hobbyists, amateur and professional potters, as well as educational institutions. The ROHDE managing directors offer some insights into the company.

WHERE ARE ROHDE KILNS AND MACHINES MANUFACTURED?

MANUEL ROHDE: We have been manufacturing at our production site in Dyjakovice in the Czech Republic since 1992. Our company headquarters is located in Prutting, Bavaria. Most or our kilns are handmade – from the processing of the bricks to the welding of the metal parts and the painting. A lot of attention to detail goes into our kilns.

WHAT MAKES THE COMPANY HELMUT ROHDE GMBH SPECIAL?

BENJAMIN ROHDE: I think it's the way we combine tradition and innovation. We remain true to our roots in craftsmanship and place great value on quality and sustainability. At the same time, we are constantly developing new ideas and technologies to meet the growing demands of our users.

HOW DO YOU IMPLEMENT SUSTAINABILITY IN YOUR COMPANY?

MANUEL ROHDE: Sustainability is a key component of our corporate philosophy. Our manufacturing processes are resource-efficient. For example, we use recycled materials and package our kilns and machines without plastic wherever possible. Our Ecotop toploaders are the most economical kilns on the market. They consume up to 40% less electricity than the previous series. And with ROHDE SolarReady, we have taken another big step forward.

> " Our kilns are delivered to the customer plastic-free. "

WHAT EXACTLY IS ROHDE SOLARREADY?

BENJAMIN ROHDE: All ROHDE kilns built since 1994 with the latest controllers are suitable for operation with electricity generated by photovoltaic systems. If the PV system and kiln are well matched, the share of solar power can be up to 95%. The savings in electricity costs are correspondingly high. ▶

SOLARREADY

ROHDE SOLARREADY

+ Use electricity generated by photovoltaics and save significantly on energy costs
+ Simply switch the ROHDE controllers to photovoltaic mode

▶ **Further details on page 72**

HOW WELL DO YOU KNOW YOUR CUSTOMERS?

MANUEL ROHDE (laughs): That's an interesting question. We get to know many of our users at our pottery markets, workshops, through customer service and, last but not least, on social media. We have long-standing partnerships with some of them and they often share very specific feedback on our products.

In recent years, we have significantly expanded our language options. We now communicate with our customers in over 10 languages. Almost all of our innovations have been inspired by users. I think this is a good indication of how much we value our customers.

WHY SHOULD CUSTOMERS BUY ROHDE KILNS?

BENJAMIN ROHDE: Our kilns are especially well-known for their high quality, robustness and durability. Customers report that their ROHDE kilns are extremely efficient with excellent firing results. We

> " Sustainable firing and kiln management on the go. "

were the first supplier to introduce chamber kilns with an Ergo Load System (ELS): The kiln floor can be pulled out, making loading on three sides easier on the back. Our heating elements have become even more durable in recent years. This has significantly reduced maintenance costs. We also offer fast and personalised support.

ROHDE MY KILN APP

+ Control and monitor kilns from anywhere using your mobile phone
+ Create your own firing programs more quickly and intuitively
+ Firing history with energy consumption

▶ **Further details on page 66**

WHAT ARE THE ADVANTAGES OF ROHDE SUPPORT?

MANUEL ROHDE: This has a lot to do with the development of our myKiln app. Since 2023, we have been offering customers myKiln as a mobile kiln manager and digital firing log. The app shows the live status of the kiln anytime, anywhere.

Users can also send us the firing data at the touch of a button. This allows us to individually analyse what led to a misfire or reduced kiln performance and quickly provide targeted support. For many years, we have guaranteed the fastest spare parts supply through our Europe-wide network of specialist dealers.

Company success in the second generation: brothers Stefan, Florian, Benjamin and Manuel Rohde (from left).

> “ We remain true to our roots in craftsmanship and place great value on **quality and sustainability.** ”
>
> Benjamin Rohde, Managing Director

WHAT ARE YOUR GOALS AND ASPIRATIONS FOR THE COMING YEARS?

BENJAMIN ROHDE: We are currently working on optimised chamber kiln models designed for schools and educational institutions. We also want to make our myKiln app available in more languages. There are plans in the works to start marketing our kilns in the USA. We want to remain an attractive employer for our staff. Flextime schedules, remote work and an appreciative working environment are important to us. As a medium-sized family business, we have set our sights on continuous and, above all, healthy growth.

THANK YOU FOR THE INTERESTING CONVERSATION!

ROHDE PRODUCTION
INSULATING FIREBRICK

The quality and workmanship of insulating firebricks are extremely important for kiln construction at ROHDE. These elements play a decisive role in determining service life, energy consumption and the achievable firing results.

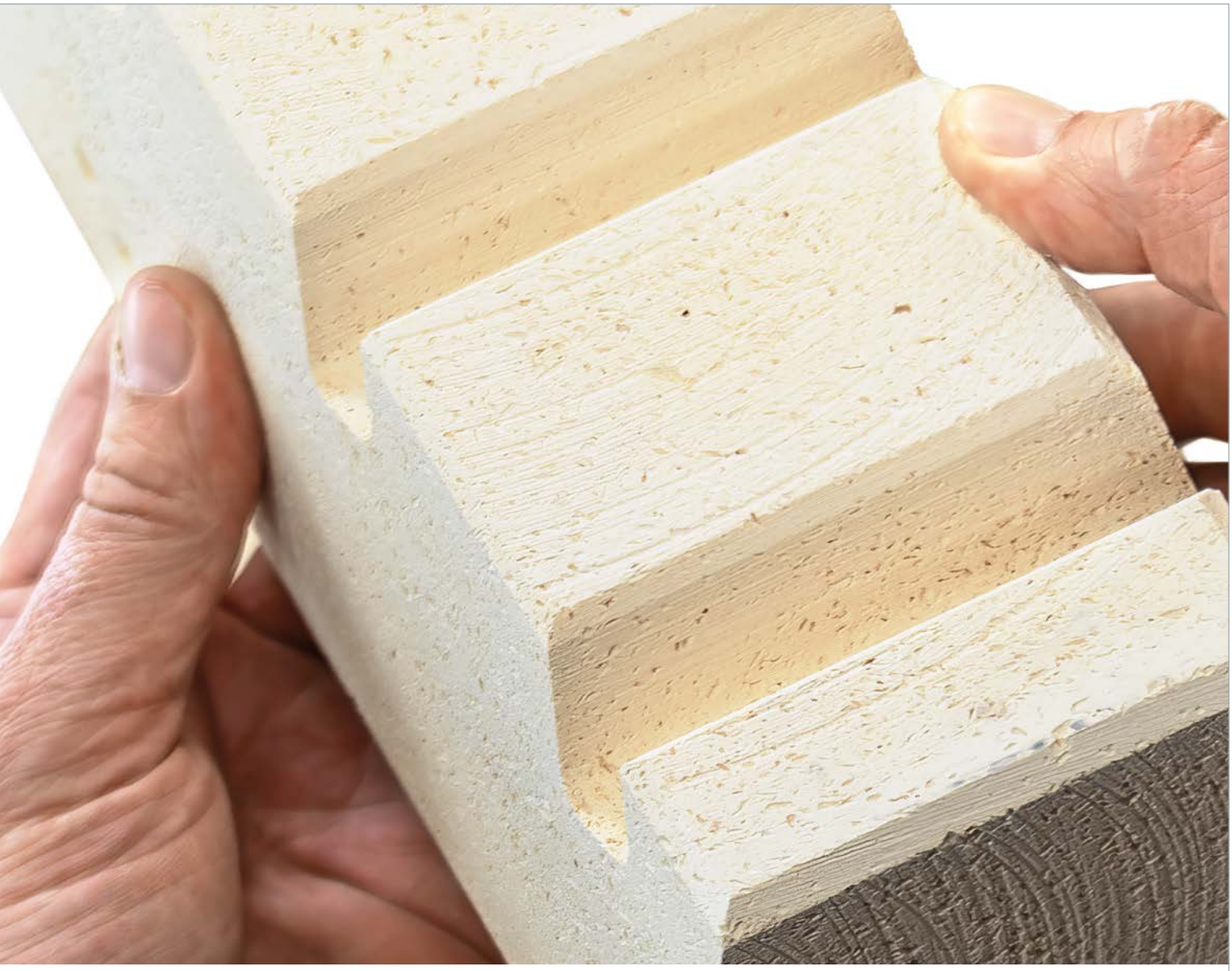
Insulating firebricks can be found in every kiln. But not all bricks are the same.
ROHDE mainly uses type K23 bricks. These bricks are supplied by a manufacturer in Georgia, USA. They are characterised by outstanding quality in terms of insulation, temperature change and mechanical resilience.

A decisive factor for the durability of the kiln is the high-precision processing of the bricks. Perfectly fitting joints and chamfered edges increase heat resistance and prevent contamination of the fired materials.
Combined with skilled craftsmanship, these bricks can withstand the stress in a kiln for 20 years or more.

ROHDE processes over 600,000 bricks per year. Each one is checked by hand for quality and sorted for later processing.

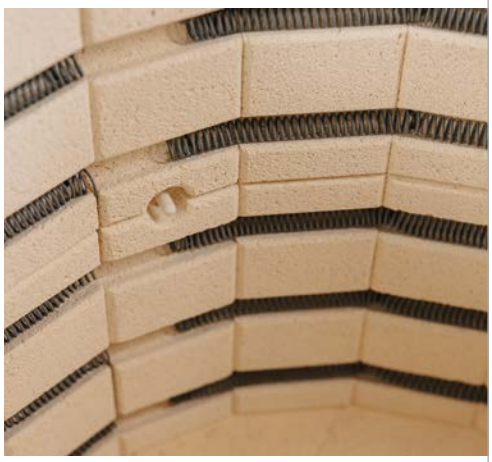
During bricklaying, the bricks are ground by hand until they fit together with the adjacent bricks. Seamless, permanently insulating, and without mortar.

A detail for longevity: the grooves for the heating elements are slightly rounded at the bottom. This reduces material stress and the risk of breakage.

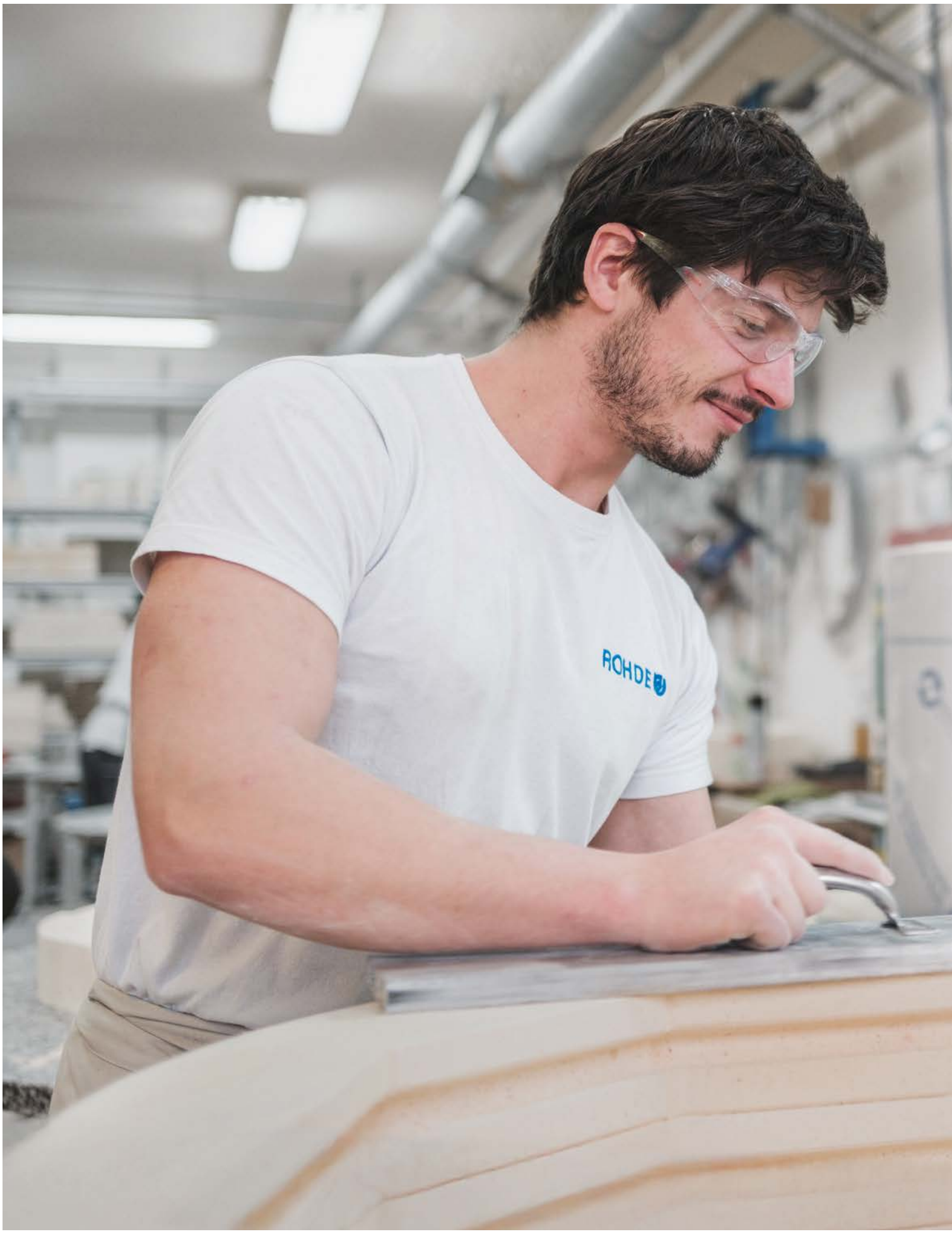


The art lies in keeping the joints tight enough for the bricks to insulate, yet allowing them to expand under heat.

The upper edge of a toploader kiln must be perfectly flat. This ensures that the lid will securely close the kiln with maximum insulation.



The heating elements are protected in the grooves. The spacing, number and output of the heating elements are coordinated to ensure that the energy is distributed evenly throughout the kiln.


ROHDE

ROHDE **KILNS**

ROHDE kilns let you enjoy the results even more – because we make them with more than just passion. We have always paid close attention to your wishes and needs. Right from the start, our first kiln models were developed in close cooperation with ceramicists.

Today, we offer a full range of kiln concepts. Let your creativity soar – with ROHDE!

Electrically heated toploaders

Photo: Caroline Kesteleyn

Electrically heated chamber kilns

Gas and raku kilns

WHICH **KILNS?**

ROHDE offers a wide variety of solutions – optimised for every application.
On the following four pages you will find a basic guide for choosing the right kiln.

Is your situation changing? We always have a suitable solution for your application.

ELECTRICITY OR GAS

ADVANTAGES OF ELECTRICALLY HEATED KILNS

+ Fully automatic and precise firing control
+ No need to be present during firing
+ Simple and reproducible thanks to storable firing programs

ADVANTAGES OF GAS-FIRED KILNS

+ Maximum creative freedom, e.g. with reduction or raku firing
+ Superior energy efficiency for kiln volumes over 300 litres
+ Experience in manual firing is crucial

Gas toploader
TG series

Hood kiln electric
HE series

Electric toploader
Ecotop series

KILN SIZE

THE FIRING MATERIAL SIZE AND FIRING FREQUENCY ARE KEY FACTORS

+ If you have varying quantities of material to fire, it is better to use two smaller kilns than a single large one
+ Large kilns only operate economically when they are fully loaded
+ Large individual pieces require a larger kiln. The higher initial costs of a customised ROHDE special design can quickly pay for themselves
+ When considering the internal dimensions, allow for a minimum distance to unheated kiln surfaces and to the heating elements
+ Some ROHDE toploader models can be retrofitted with an extension ring. This also makes transport much easier

TEMPERATURE

EACH MODEL HAS A DEFINED OPERATING TEMPERATURE

+ For economical continuous operation
+ Minimal wear and high reproducibility of the firing curve
+ Energy-optimised working range
+ Optimum heating rate and heat distribution

TYPICAL APPLICATION TEMPERATURES

+ Biscuit firing: 800 °C to 950 °C
+ Decorative firing or earthenware: 1050 °C
+ Stoneware: 1150 °C
+ Stoneware and soft porcelain: 1200 °C to 1300 °C
+ Hard porcelain: 1350 °C

DESIGN

CHARGING

+ A toploader kiln offers a good overview of the firing chamber and is less expensive to purchase
+ Chamber kilns for front loading – efficient use of space, extremely robust construction
+ Pull-out ELS (Ergo Load System) drawer or hood kiln for loading from different sides – ergonomic, safe, time and space-optimised

ELECTRIC HEATING ELEMENTS

+ Heating elements in the grooved bricks for added protection against mechanical damage
+ Heating elements on support rods for more even radiation and easy replacement. Our recommendation for regular applications above 1250 °C

FEATURES

WE MAKE YOUR WORK EASIER

+ Various controller models to suit your applications – intuitive operation, equipped for solar power, controller/monitoring via app
+ Air ventilation – individually adjustable via supply and exhaust air flap handles or exhaust air sockets
+ Model-dependent special equipment: Floor heating, lid heating, multi-zone control, door opening to the left instead of the right, exhaust air hood, inspection hole for monitoring the firing process, etc.
+ We would be happy to build your custom-designed solution

Electric chamber kiln
ELS series

Raku chamber kilns
KR series

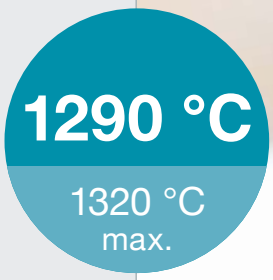
KILN **QUICK FINDER**

	PAGE	FIRING VOLUME	APPLICATION TEMPERATURE	MAXIMUM TEMPERATURE	HEATED SURFACES	
ELECTRIC						
 ECOTOP	**18**	20–145 litres	1260–1290 °C	1300–1320 °C	–	All-round
 TE-S / SX	**24**	80–300 litres	1290 °C	1320 °C	–	All-round & floor*
 TE-MCC+	**28**	75–300 litres	1240 °C	1280 °C	–	All-round & lid**
 TE-Q	**30**	10–110 litres	1100–1290 °C	1250–1320 °C	4	4 sides
 BT	**30**	300–500 litres	1240 °C	1320 °C	5	4 sides & floor
 HE	**31**	200–400 litres	1290 °C	1320 °C	–	All-round
 ELS-S	**42**	150–1200 litres	1290 °C	1320 °C	5	4 sides & floor
 KE-S	**42**	100–1000 litres	1290 °C	1320 °C	5	4 sides & floor
 KE-S+	**45**	100–480 litres	1320 °C	1350 °C	5	4 sides & floor
 KE-SH	**45**	100–480 litres	1380 °C	1400 °C	5	4 sides & floor
 HWE-S	**46**	1000–7000 litres	1290 °C	1320 °C	5	4 sides & floor
 ELS-N	**48**	150–200 litres	1240 °C	1300 °C	5	4 sides & floor
 KE-N	**48**	100–480 litres	1240 °C	1300 °C	5	4 sides & floor
 KE-B	**52**	35–210 litres	1150–1220 °C	1200–1280 °C	3	2 sides & floor
 KE-L	**54**	100–250 litres	1220 °C	1280 °C	3	2 sides & floor
 LE-S	**56**	15–120 litres	1290 °C	1320 °C	5	4 sides & floor
 LE-SH	**56**	15–120 litres	1380 °C	1400 °C	5	4 sides & floor
GAS						
 TG	**82**	80–270 litres	1320 °C	1350 °C	–	
 KG	**84**	250–1000 litres	1320 °C	1350 °C	–	
 TR	**88**	44–170 litres	1100 °C	1150 °C	–	
 KR	**90**	70–150 litres	1100 °C	1150 °C	–	

SPECIAL FEATURES	Decoration firing (600–850 °C)	Biscuit firing (850–950 °C)	Earthenware (900–1100 °C)	Stoneware (950–1250 °C)	Soft-paste porcelain (1200–1280 °C)	Stoneware (1180–1320 °C)	Hard porcelain (1280–1400 °C)
Energy-efficient kiln with low power consumption							
Ideal for stoneware, very robust, extendable * Floor heating included (except TE 80 S, TE 80 SX, TE 100 S)							
Ideal for earthenware and stoneware, extendable ** Optional lid heating for glass processing							
Square toploaders for special cases							
Economical firing of large quantities or large pieces							
Hood kiln, ideal for sculptures and large individual pieces							
Ergonomically optimised, the chamber kiln for stoneware							
Chamber kiln for stoneware							
Chamber kiln with increased application temperature							
Chamber kiln with large power reserve							
Shuttle kiln for ceramic workshops							
Ergonomically optimised, ideal school kiln							
Economical and robust							
Chamber kiln for earthenware and stoneware, narrow design							
Chamber kiln for earthenware and stoneware							
Laboratory kiln for ceramic workshops							
Very robust laboratory kiln with extreme power reserve							
Toploader gas kiln for reduction firing up to 1320 °C, portable gas kiln							
Chamber kiln gas for reduction firing up to 1320 °C							
Raku toploader, fibre-free construction							
Raku chamber kiln, lightweight and portable							

FIRING TEMPERATURES

For quick reference, you will find the adjacent button on the product pages.



APPLICATION TEMPERATURE

This is always displayed in large letters at the top of the button. The kiln is designed for problem-free continuous operation up to this firing temperature.

MAXIMUM TEMPERATURE

Occasional firings up to this temperature are possible, but increase wear and energy consumption.

Gas pressure spring for easy and safe lid opening

Reversible base – stable, for easy adjustment of the working height

Silent power control via durable electronic relay

ROHDE **TOPLOADERS**

Reliable, high-quality, energy-efficient, and always state-of-the-art – ROHDE toploaders embody concentrated experience and attention to detail.

Sturdy construction, high-quality materials, optimised insulation: you can always rely on a ROHDE toploader – even after many years.

FIRE SAFELY – WITH PEACE OF MIND

All insulation materials are harmless to health and the environment (in accordance with Regulation EC No. 1272/2008).

“ My passion is firing **Stoneware sculptures.** Each piece is unique. My **ROHDE kiln** makes the figures frost-proof at firing temperatures of up to 1290 °C. ”

Tatyana Krivenko, ceramicist from Leinburg

ECOTOP **TOPLOADERS**

The latest ROHDE toploader model series impresses with high performance and extremely low energy consumption.

Up to **40%** less electricity

1290 °C
1320 °C max.

ECOTOP 60 S

ECOTOP HIGHLIGHTS

+ **Very energy efficient**
+ **Excellent insulation**
+ **Simply connect to a standard socket (up to 60 l volume)**

Energy-saving insulation concept

A large Ecotop for use in a ceramic workshop.

AMAZINGLY AFFORDABLE

The new ROHDE Ecotop is not only inexpensive to purchase, it also consumes up to 40% less electricity, thereby saving significant costs. This is made possible by the new insulation concept, which reduces heat loss to a minimum.

CREATIVE VARIETY

All sizes reliably reach an operating temperature of 1290 °C. This allows you a wide range of applications – even in the stoneware and soft porcelain sector.

LONG-LASTING QUALITY

Our latest-generation heating elements have a significantly longer service life and are protected from damage by special grooved bricks.

Thanks to high energy efficiency, even individual pieces can be fired economically.

Sabine Servos uses the Ecotop 43 S at home.

ONE SERIES – **MANY POSSIBILITIES**

ECOTOP 20 S

For an inexpensive introduction to the hobby, for kindergartens, for professionals – as a test kiln (glazes, clay, etc.).

ECOTOP 43 S

Fire everything using a standard electrical outlet. For ambitious beginners.

ECOTOP 60 / 60 S

Firing at almost no cost: ideal combination with 9 kW photovoltaics.

ECOTOP 80 S / 95 S / 145 S

Energy-efficient secondary kilns for ceramic workshops.

EFFICIENT FIRING
FOR THE BEST RESULTS

The quality of the results is the measure of how good a kiln really is. A good kiln delivers perfect results with minimal energy consumption and a long service life.

HOW MUCH DOES FIRING COST?

ROHDE FIRING EFFICIENCY CALCULATOR

We provide an online tool specifically for the Ecotop series that allows you to determine in advance exactly how high the electricity costs will be for your specific firing in your specific Ecotop toploader:
https://www.rohde.eu/files/vbr.html

ROHDE MYKILN APP

The app allows you to view the actual power consumption for each archived firing.

If, over time, the consumption results between the firing efficiency calculator and the myKiln app deviate more and more, the heating elements have probably reached the end of their service life.

SAVE POWER WHEN FIRING CERAMICS

It takes a lot of energy to bring the ware in the kiln to the high temperatures required for the transformation processes in the clay and glazes.

The following tips will help you minimise power consumption and optimise firing results.

THE MOST IMPORTANT RULES FOR SAVING ELECTRICITY:

+ Fill the kiln as fully as possible.
+ All Ecotop kilns operate with optimised heating rates and are therefore energy-efficient, even when fully loaded and in the upper temperature range.
+ Only fire sufficiently dried goods.
+ The firing programs pre-installed in the controller are optimised for energy consumption and repeatable results.

ROHDE Firing efficiency calculator

ROHDE myKiln app

“ The kiln is the **centerpiece** of my workshop. That’s why I need technology I can rely on – like **Ecotop.** ”

Tobias Görtz (Tobi the Potter), ceramicist from Mönchengladbach

JUST PLUG IT IN

For models up to 60 litres, a standard household socket (230 V) is now sufficient.

OPTIMISED FIRING CHAMBER

The evenly distributed heating elements in the almost circular firing chamber ensure excellent firing results.

Ecotop series electric toploaders

Model		Firing volume	Application temperature
		Litres	°C
Ecotop	20 S	20	1290
Ecotop	43	43	**1260***
Ecotop	43 S	43	1290
Ecotop	60	60	**1260***
Ecotop	60 S	60	1290
Ecotop	80 S	80	1290
Ecotop	95 S	95	1290
Ecotop	145 S	145	1290

* Variants with reduced power consumption

All sizes include ST 310 controller.

Features, options and data table: Pages 32–35

Photo: Wei Ling Khor

“ My **TE-S kilns** are true professionals and have served me faithfully for many years. I fire several times a week **and enjoy experimenting** with shapes and colours. ”

Annika Schüler, ceramicist from Hamburg

TE-S **TOPLOADERS**

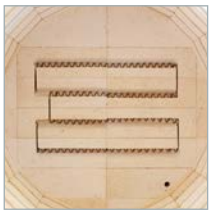
Our robust toploader standard series for daily use in professional workshops.

1290 °C
1320 °C max.

TE 100 S

TE-S HIGHLIGHTS

+ **Floor heating included (except TE 80 S, TE 80 SX, TE 100 S)**
+ **Models can be enlarged with extension rings**
+ **Can be separated for easier transport**



Floor heating

Extension ring

> “ What I love most about pottery is that a piece can be both **beautiful and useful**. Thanks to my kiln, I don’t have to worry about uneven **firing results**. ”
>
> Kitty Ward, ceramicist from Salcombe, Devon, UK

QUALITY AND DURABILITY

These top-quality kilns with a high operating temperature (1290 °C) are designed for daily use in professional ceramic workshops. They are constantly being developed and are always at the cutting edge of technology.

FLOOR HEATING

The heatable kiln floor (except for TE 80 S, TE 80 SX and TE 100 S) ensures optimum temperature distribution, especially during the heating phase.

FLEXIBLY EXTENDABLE

With these four models, the firing volume can be significantly increased with an optional heatable extension ring:

+ **TE 80 S** – from 80 to 100 litres
+ **TE 95 S** – from 95 to 145 litres
+ **TE 130 S** – from 130 to 200 litres
+ **TE 165 S** – from 165 to 250 litres

This allows you to easily and economically expand your firing capacity as needed – or reduce the firing volume and thus the electricity costs of models that have already been expanded.

Photo: Caroline Kesteleyn

Photo: Ingolf Hatz

Be creative! The reliable TE-S has your back.

TE 200 S

TE-S series electric toploaders

Extendable (*) or separable (**) with extension ring ZWR

Model		Firing volume	Application temperature	Current
		Litres	°C	A
TE	80 S	80*	1290	13
ZWR	80 S	+ 20	–	–
TE	100 S	100**	1290	13
TE	95 S	95*	1290	16
ZWR	95 S	+ 50	–	–
TE	145 S	145**	1290	16
TE	130 S	130*	1290	19
ZWR	130 S	+ 70	–	–
TE	200 S	200**	1290	19
TE	165 S	165*	1290	22
ZWR	165 S	+ 85	–	–
TE	250 S	250**	1290	22
TE	300 S	300**	1290	22

Not modular, but with lower power consumption

TE	80 SX	80	1290	8.7
TE	95 SX	95	1290	10.5
TE	130 SX	130	1290	12.7
TE	165 SX	165	1290	14.5

All sizes include ST 310 controller.

Features, options and data table: Pages 32–35

TE-MCC+ **TOPLOADERS**

The economical solution for biscuit firing and earthenware.

1240 °C
1280 °C max.

TE 75 MCC+

TE-MCC+ HIGHLIGHTS

+ **Models can be enlarged with extension rings**
+ **Optional lid heating for glass processing**
+ **Can be separated for easier transport**

Extension ring

Bisque firing of large quantities at low cost

HERO OF LOW TEMPERATURES

Its great strength lies in the lower and middle temperature range. Here it scores with low connection values and low consumption. The large models in particular are ideal for particularly economical biscuit firing.

FLEXIBLY EXTENDABLE

With these four models, the firing volume can be significantly increased with an optional heatable extension ring:

+ **TE 75 MCC+** – from 75 to 110 litres
+ **TE 100 MCC+** – from 100 to 150 litres
+ **TE 130 MCC+** – from 130 to 190 litres
+ **TE 200 MCC+** – from 200 to 300 litres

This allows you to easily and economically expand your firing capacity as needed – or reduce the firing volume and thus the electricity costs of models that have already been expanded.

GLASS PROCESSING

Alternatively, you can equip the four extendable models with optional lid heating, thereby expanding your creative repertoire in the direction of fusing at low cost (cannot be combined with extension ring).

Two in one: kiln and fusing kiln – with optional lid heating

> “ I want these pieces to be used **every day**. ”
>
> Florian Gadsby, ceramicist from London

TE-MCC+ series electric toploaders

Extendable (*) or separable (**) with extension ring ZWR

Model		Firing volume	Application temperature
		Litres	°C
TE	75 MCC+	75*	1240
ZWR	75 MCC+	+ 35	–
TE	110 MCC+	110**	1240
TE	100 MCC+	100*	1240
ZWR	100 MCC+	+ 50	–
TE	150 MCC+	150**	1240
TE	130 MCC+	130*	1240
ZWR	130 MCC+	+ 60	–
TE	190 MCC+	190**	1240
TE	200 MCC+	200*	1240
ZWR	200 MCC+	+ 100	–
TE	300 MCC+	300**	1240

All sizes include ST 310 controller.

Features, options and data table: Pages 32–35

SPECIAL KILNS
TOPLOADERS

TE 70 QT

BT 500

QUATTRO TE-Q SERIES TOPLOADERS

Combines the advantages of a toploader and a chamber kiln: low purchase price and robust, corrosion-resistant construction. Also suitable for soft-paste porcelain. From size 70 with heating elements on support rods – for easier replacement. The smaller sizes are particularly suitable for jewellery or for testing.

Quattro TE-Q series electric toploaders

Model		Firing volume	Application temperature
		Litres	°C
TE	10 Q	10	1290
TE	35 Q	35	1290
TE	50 QN	50	**1240**
TE	50 QS	50	1290
TE	70 QT	70	**1100**
TE	70 QT-S	70	1290
TE	110 QT	110	1290

All sizes include ST 310 controller.
Features, options and data table: Pages 32–35

BT SERIES RECTANGULAR TOPLOADERS

Our rectangular toploader is inexpensive to purchase, especially for large volumes. In addition, the 5-sided heating (with floor heating) ensures even temperature distribution, especially during the heating phase. Particularly suitable for bisque firing and earthenware firing in dense battes.

BT series electric toploaders

Model		Firing volume	Application temperature
		Litres	°C
BT	300	300	1240
BT	500	500	1240

All sizes include ST 310 controller.
Features, options and data table: Pages 32–35

HE 200

HE HOOD KILN SERIES

Here you will find the proven technology of our long-running TE-S in a back-friendly maxi format.

+ Ideal for large and thick-walled items such as sculptures
+ Very convenient loading
+ Inexpensive to purchase compared to similar easy-to-load systems

> “ I love unique pottery. My work often grows beyond itself. Thanks to my kiln, they can also be **fired to perfection**. ”
>
> Tümay Erman, ceramicist from Izmir

+ Smooth-running winch for safe and easy lifting of the kiln lid
+ Also available with electric drive for easier handling
+ Removal of the kiln floor with a pallet truck for perfect all-round charging
+ Kiln floor optionally on rails – for safe and precise positioning

HE series electric toploaders

Model		Firing volume	Application temperature
		Litres	°C
HE	200	200	1290
HE	250	250	1290
HE	260	260	1290
HE	330	330	1290
HE	300	300	1290
HE	400	400	1290

All sizes include ST 310 controller.
Features, options and data table: Pages 32–35

TOPLOADER FEATURES

Mortarless refractory lining of the lid prevents annoying contamination

Lid switch and safety guard for safe operation

Exhaust air socket for exhaust air connection

High-quality insulation materials for energy efficiency

Reversible base construction for adjustable overall height

Sturdy **lid hinge**, lid opening supported by **gas pressure spring**

Secure **bracket** for the kiln controller

Separability for easy transport, even with large models (except Ecotop)

Air supply slide

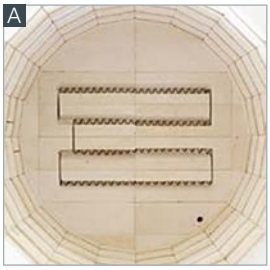
ELECTRIC TOPLOADERS OVERVIEW OF FEATURES

Series	Ecotop	TE-S / SX	TE-MCC+	TE-Q / QN / QS	TE-QT / QT-S	BT	HE
Application temperature	1290 °C*	1290 °C	1240 °C	1290 °C*	1290 °C*	1240 °C	1290 °C
Maximum temperature	1320 °C*	1320 °C	1320 °C	1320 °C	1320 °C*	1320 °C	1320 °C
All-round heating	●	●	●	●	●	●	●
A Floor heating	–	●*	–	●	●	●	Optional
B Lid heating	–	–	Optional	–	–	–	–
C Electronic relay	●	●	●	Optional	Optional	Optional	Optional
Heating elements in grooved bricks	●	●	●	●	–	●	●
Heating elements on support rods	–	–	–	–	●	–	–
Reversible kiln stand	●	●	●	–	–	–	–
Exhaust air socket	●	●	●	●	●	●	●
D Peep hole	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Controller mounting plate	●	●	●	–	–	–	–
Air supply slide	●	●	●	–	–	–	●
E Can be separated for transport	–	●	●	–	–	Optional	●
Extendable models	–	●	●	–	–	–	–
3-year warranty	●	●	●	●	●	●	●
Special	Very low power consumption	Extremely robust with floor heating (except 80 and 100 litre models)	Optionally extendable with extension ring	Inexpensive to purchase, small models ideal for jewellery or tests	Inexpensive to purchase, very good tempera-ture distribution	Bisque firing in particularly dense batt	Ideal for sculp-tures

* Restricted for some models – see next double page

ELECTRIC TOPLOADER OPTIONS

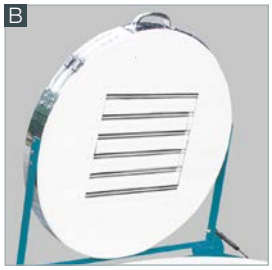
A



Floor heating

Optimal temperature distribution, especially during the heating phase.

B



Lid heating

Also allows glass processing.

C

Solid state relay (SSR)

Semiconductor switch with external cooling element – quiet and durable.

D

Peep hole

Safe monitoring of firing by simply observing Seger cones.

E

Separable firing chamber

Easier transport – fits even through narrow doors.

TOPLOADERS TECHNICAL

Ecotop series electric toploaders (page 23)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
Ecotop	20 S	20	1290	1320	ø 330 × 225	775 × 685 × 695	55	2,3	10	Standard	ø 290	0
Ecotop	43	43	**1260**	**1300**	ø 400 × 340	850 × 730 × 815	75	2,9	12,6	Standard	ø 350	1
Ecotop	43 S	43	1290	1320	ø 400 × 340	850 × 730 × 815	75	3,6	15,7	Standard	ø 350	1
Ecotop	60	60	**1260**	**1300**	ø 400 × 455	850 × 730 × 925	86	3,6	15,7	Standard	ø 350	1
Ecotop	60 S	60	1290	1320	ø 400 × 455	850 × 730 × 925	86	5	7,2	CEE 16 A	ø 350	1
Ecotop	80 S	80	1290	1320	ø 470 × 455	925 × 795 × 925	100	6	8,7	CEE 16 A	ø 410	2
Ecotop	95 S	95	1290	1320	ø 520 × 455	975 × 855 × 925	109	7,3	10,5	CEE 16 A	ø 470	3
Ecotop	145 S	145	1290	1320	ø 520 × 680	975 × 870 × 1005	139	8,8	12,7	CEE 16 A	ø 470	3

TE-S / SX series electric toploaders (page 27) Extendable (*) or separable (**) with extension ring ZWR

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
TE	80 S	80*	1290	1320	ø 460 × 450	925 × 770 × 890	94	6	13	CEE 16 A	ø 410	2
ZWR	80 S	+ 20	–	–	ø 460 × 150	805 × 725 × 155	18,5	3	–	–	–	–
TE	100 S	100**	1290	1320	ø 460 × 600	925 × 770 × 945	113	9	13	CEE 16 A	ø 410	2
TE	95 S	95*	1290	1320	ø 520 × 455	985 × 830 × 930	122	7,3	15,9	CEE 16 A	ø 470	3
ZWR	95 S	+ 50	–	–	ø 520 × 225	860 × 775 × 230	29	3,7	–	–	–	–
TE	145 S	145**	1290	1320	ø 520 × 680	985 × 830 × 1075	153	11	15,9	CEE 16 A	ø 470	3
TE	130 S	130*	1290	1320	ø 610 × 455	1075 × 905 × 930	142	8,8	19,1	CEE 32 A	ø 540	4
ZWR	130 S	+ 70	–	–	ø 610 × 225	940 × 845 × 230	33	4,4	–	–	–	–
TE	200 S	200**	1290	1320	ø 610 × 680	1075 × 905 × 1075	176	13,2	19,1	CEE 32 A	ø 540	4
TE	165 S	165*	1290	1320	720 × 640 × 455	1175 × 920 × 930	161	10	21,7	CEE 32 A	Cut to size	5
ZWR	165 S	+ 85	–	–	720 × 640 × 225	1045 × 865 × 230	65	5	–	–	–	–
TE	250 S	250**	1290	1320	720 × 640 × 680	1175 × 920 × 1075	227	15	21,7	CEE 32 A	Cut to size	5
TE	300 S	300**	1290	1320	840 × 640 × 680	1295 × 930 × 1075	219	15	21,7	CEE 32 A	Cut to size	5.1
Not modular, but with lower power consumption												
TE	80 SX	80	1290	1320	ø 460 × 450	925 × 770 × 890	94	6	8,7	CEE 16 A	ø 410	2
TE	95 SX	95	1290	1320	ø 520 × 450	985 × 830 × 930	122	7,3	10,5	CEE 16 A	ø 470	3
TE	130 SX	130	1290	1320	ø 610 × 450	1075 × 905 × 930	142	8,8	12,7	CEE 16 A	ø 540	4
TE	165 SX	165	1290	1320	720 × 640 × 450	1175 × 920 × 930	161	10	14,4	CEE 16 A	Cut to size	5

TE-MCC+ series electric toploaders (page 29) Extendable (*) or separable (**) with extension ring ZWR

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
TE	75 MCC+	75*	1240	1280	ø 470 × 455	885 × 740 × 890	82	6	13	CEE 16 A	ø 410	2
ZWR	75 MCC+	+ 35	–	–	ø 470 × 225	775 × 700 × 230	23	3	–	–	–	–
TE	110 MCC+	110**	1240	1280	ø 470 × 680	885 × 740 × 1020	105	9	13	CEE 16 A	ø 410	2
TE	100 MCC+	100*	1240	1280	ø 520 × 455	925 × 785 × 890	89	7	15,2	CEE 16 A	ø 470	3
ZWR	100 MCC+	+ 50	–	–	ø 520 × 225	815 × 725 × 230	24	3,5	–	–	–	–
TE	150 MCC+	150**	1240	1280	ø 520 × 680	925 × 785 × 1020	109	10,5	15,2	CEE 16 A	ø 470	3
TE	130 MCC+	130*	1240	1280	ø 590 × 455	1005 × 865 × 890	106	7,3	15,9	CEE 16 A	ø 540	4
ZWR	130 MCC+	+ 60	–	–	ø 590 × 225	885 × 800 × 230	25	3,7	–	–	–	–
TE	190 MCC+	190**	1240	1280	ø 590 × 680	1005 × 865 × 1040	125	11	15,9	CEE 16 A	ø 540	4
TE	200 MCC+	200*	1240	1280	ø 740 × 455	1145 × 1005 × 890	130	9,2	20	CEE 32 A	Cut to size	5.2
ZWR	200 MCC+	+ 100	–	–	ø 740 × 225	1010 × 920 × 230	32	4,6	–	–	–	–
TE	300 MCC+	300**	1240	1280	ø 740 × 680	1045 × 1005 × 1040	170	13,8	20	CEE 32 A	Cut to size	5.2

Quattro TE-Q series electric toploaders (page 30)

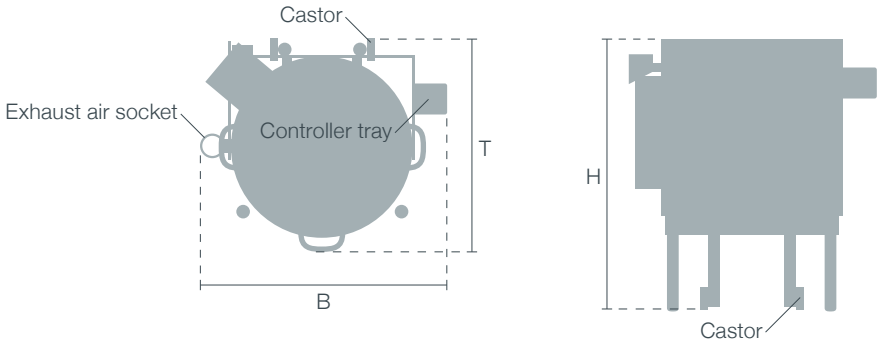
Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
TE	10 Q	10	1290	1320	235 × 185 × 245	480 × 505 × 585	30	1,8	8	Standard	200 × 150	–
TE	35 Q	35	1290	1320	380 × 380 × 245	630 × 705 × 585	81	3,6	15,7	Standard	370 × 340	34
TE	50 QN	50	**1240**	1320	380 × 380 × 340	630 × 705 × 700	100	3,6	15,7	Standard	370 × 340	34
TE	50 QS	50	1290	1320	380 × 380 × 340	630 × 705 × 700	100	5	12,5	CEE 16 A	370 × 340	34
TE	70 QT	70	**1100**	**1250**	410 × 410 × 420	880 × 1065 × 805	145	3,6	15,7	Standard	350 × 350	35
TE	70 QT-S	70	1290	1320	410 × 410 × 420	880 × 1065 × 805	150	6	13	CEE 16 A	350 × 350	35
TE	110 QT	110	1290	1320	450 × 450 × 525	870 × 920 × 870	250	9	13	CEE 16 A	400 × 400	6

BT series electric rectangular toploaders (page 30)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
BT	300	300	1240	1320	920 × 580 × 600	1390 × 965 × 1095	400	15	25	CEE 32 A	500 × 400	26
BT	500	500	1240	1320	1150 × 640 × 680	1665 × 1185 × 1130	535	24	34,6	CEE 63 A	600 × 500	27

HE series electric hood kilns (page 31)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.***
HE	200	200	1290	1320	ø 610 × 680	1195 × 930 × 2250	235	13,2	19,1	CEE 32 A	ø 540	4
HE	260	260	1290	1320	ø 610 × 910	1195 × 930 × 2440	270	17,6	25,4	CEE 32 A	ø 540	4
HE	250	250	1290	1320	645 × 725 × 680	1270 × 1060 × 2250	270	15	21,7	CEE 32 A	Cut to size	5
HE	330	330	1290	1320	645 × 725 × 910	1270 × 1060 × 2440	310	20	28,9	CEE 32 A	Cut to size	5
HE	300	300	1290	1320	645 × 840 × 680	1270 × 1175 × 2250	300	15	21,7	CEE 32 A	Cut to size	5.1
HE	400	400	1290	1320	645 × 840 × 910	1270 × 1175 × 2440	340	22	31,8	CEE 32 A	Cut to size	5.1



Depending on the model, ROHDE kilns are also available with alternative power plugs and power ratings. Ask for advice when purchasing!

Furniture batt sets are not included in the scope of delivery and must be ordered separately.

*** A description of the recommended furniture batt sets can be found on page 113.

SKILLED **CRAFTSMANSHIP**

Clay – what other natural material offers the hands so much freedom for creative design and rewards them with lasting results?

1

3

2

Photo: Makers Bible

4

1

Tatyana Krivenko
Entenberger Kunsthütte
Leinburg

2

Annika Schüler
Porcelain
Hamburg

Photo: Wei Ling Khor

3

Günter Hermans
Ceramics studio
Mitterskirchen

4

Eric Landon
Tortus Ceramics Studio
Copenhagen


5


7


6


8


5

Florian Gadsby
Ceramic artist
London


6

Tümay Erman
Art Studio
Izmir


7

Florrie Tegtmeyer
studio mü
Schwarzenbek


8

Manuela Hollerbach
Dørfkind Ceramics
Höslwang

ROHDE **CHAMBER KILNS**

Chamber kilns from ROHDE make your work easier. Thanks to perfect heat distribution, special loading logic is unnecessary. Even with very large sizes, handling from the front is especially easy.

Our ELS models make things even faster and easier, thanks to drawer floors with ROHDE's superior pull-out system – optionally available with electric operation.

Rear ventilated stainless steel cladding: low surface temperature and corrosion protection

Silent power control via durable electronic controller

Special ROHDE ceiling construction prevents cracking and thus unwanted contamination

FIRING TEMPERATURES

For quick reference, you will find the adjacent button on the product pages.

APPLICATION TEMPERATURE

This is always displayed in large letters at the top of the button. The kiln is designed for problem-free continuous operation up to this firing temperature.

MAXIMUM TEMPERATURE

Occasional firings up to this temperature are possible, but increase wear and energy consumption.

FIRE SAFELY – WITH PEACE OF MIND

All insulation materials are harmless to health and the environment (in accordance with Regulation EC No. 1272/2008).

ERGONOMICS MAKES EVERYTHING EASIER

How one good decision can boost your work.

Eric Landon (Tortus Copenhagen) has long appreciated the ergonomic advantages of the ROHDE ELS drawer floor system.



The ROHDE drawer floor enables much faster, safer and more compact charging.

HUMAN SCALE

A PATENT ON ERGONOMICS

With the Ergo Load System (ELS), ROHDE has developed a unique drawer floor device to make your daily work easier.

RELIEF INSTEAD OF BURDEN

You don't have to reach into every corner of the interior – you simply bring the interior outside.

GREATER SAFETY

TOUGH

No other drawer floor system runs as smoothly and is as stable as the ROHDE ELS. Even highly compact loads are always held securely in place. Large and heavy workpieces are easier to handle.

ROHDE COMFORT STOP

No matter in which position you lock the drawer floor, it will always be stopped with unmatched smoothness. Our tip for large kilns: An electrically operated pull-out version is available as an option.

MORE EFFICIENCY

OPTIMAL HANDLING

Together with the wide-opening kiln door, the ELS allows simultaneous loading and unloading from three sides. Even heavy, unwieldy furniture battens can be positioned effortlessly.

OPTIMAL SETTING DENSITY

When the drawer floor is pulled out, you have a complete overview. You can load much more densely without any risk – even in the tightest corners. Practical experience shows that the ELS allows up to 20% more ceramics to fit into the kiln. This reduces your firing costs per piece and increases your throughput at the same time.

SAVE MORE

ERGONOMICS PAYS OFF

The surcharge for an ELS model is surprisingly low. You can speed up many processes and fire more goods in less time at lower cost and with less risk of rejects.

Further information on the ROHDE ELS system can be found at: rohde.eu/en/els

“ The moment I open the kiln is always a unique experience. Thanks to the **pullout kiln floor**, I can load and unload heavy pieces safely without straining my back. ”

Tatyana Krivenko, ceramicist from Leinburg

S SERIES
CHAMBER KILNS

The backbone of your workshop – thanks to high operating temperatures, durable top insulation and heating elements designed for continuous use.

1290 °C
1320 °C max.

ELS 200 S

S SERIES HIGHLIGHTS

+ 5-sided heating
+ Heating elements on support rods
+ ELS drawer floor for chamber kilns up to 1200 L firing volume

S SERIES CHAMBER KILNS

All chamber kilns in the S series offer an application temperature of 1290 °C and a wide range of options.

The **5-sided heating on support rods** ensures rapid and very even heating up. This design is ideal for daily use and a long service life. Replacing worn heating elements is also particularly quick and easy.

The ROHDE **beamed ceiling** (instead of a vault made of adjoining stones) reduces unwanted cracking and, as a result, contamination and reduced insulation performance.

ELS DRAWER FLOOR

The ELS variant speeds up and simplifies your work thanks to three-sided loading. This also optimises the placement density, especially in larger models. The optional electric drive is also particularly valuable here.

ELS 200 S

KE 200 S

ELS-S series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
ELS	150 S	150	1290
ELS	200 S	200	1290
ELS	330 S	330	1290
ELS	480 S	480	1290
ELS	600 S	600	1290
ELS	750 S	750	1290
ELS	1000 S	1000	1290
ELS	1200 S	1200	1290

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

KE-S series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
KE	100 S	100	1290
KE	150 S	150	1290
KE	200 S	200	1290
KE	250 S	250	1290
KE	330 S	330	1290
KE	480 S	480	1290
KE	600 S	600	1290
KE	750 S	750	1290
KE	1000 S	1000	1290

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

KE-S+ / KE-SH CHAMBER KILNS

+ Basically the same device concept as the KE-S model series
+ **KE-S+:** Specially designed for higher application temperatures **up to 1320 °C** (maximum 1350 °C possible)
+ **KE-SH:** Particularly suitable for higher application temperatures **up to 1380 °C** (maximum 1400 °C possible)
+ **KE-SH:** Particularly effective insulation layer for optimised energy consumption
+ **KE-SH:** Highly resilient Kanthal APM heating elements and Alsint support rods
+ Durable design for daily use in professional workshops

Photo: Flurin Kößler

> “ **20% more pieces** per firing. With the pull-out, the kiln can be loaded very tightly and yet securely. ”
>
> Michael Heckmann, ceramicist from Schwäbisch Hall

KE 200 S+

KE 200 SH

KE-S+ series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
KE	100 S+	100	1320
KE	150 S+	150	1320
KE	200 S+	200	1320
KE	250 S+	250	1320
KE	330 S+	330	1320
KE	480 S+	480	1320

KE-SH series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
KE	100 SH	100	1380
KE	150 SH	150	1380
KE	200 SH	200	1380
KE	250 SH	250	1380
KE	330 SH	330	1380
KE	480 SH	480	1380

All sizes include ST 310 controller.

Features, options and data table: Pages 57–61

S SERIES
SHUTTLE KILNS

ROHDE quality on a grand scale.

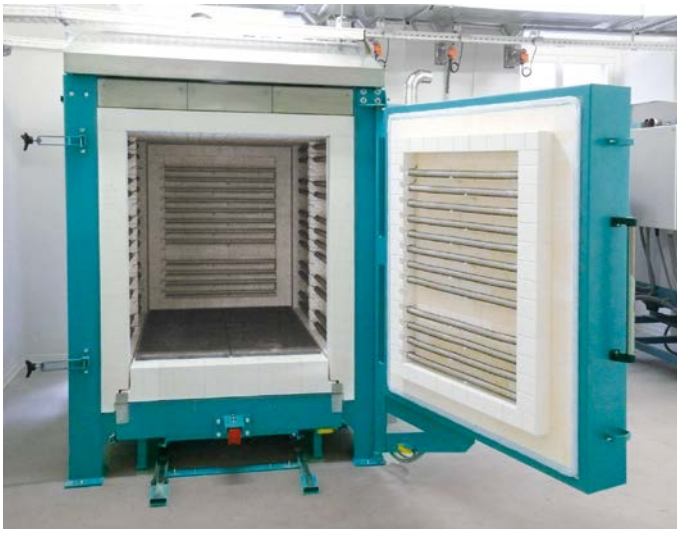
THE ROHDE SHUTTLE SYSTEM

+ The perfect solution if you have high throughput or want to fire large, heavy objects.
+ The kiln shuttle, which runs on floor rails, handles any load safely without problems. Its low position allows you to load it quickly and easily from all sides.
+ The high volume combined with high-quality three-layer insulation ensures high energy efficiency.

CUSTOMISED SPECIAL SOLUTIONS

We would be happy to advise you on the extensive range of options and accessories!

HWE 1000 S



ROHDE shuttle kiln in continuous operation: still as reliable as on the first day, even after years of use

Consulting and installation for shuttle kilns are carried out directly by ROHDE.

PARTNER OF ART

ROHDE Ergo Load System – valued throughout Europe.

ROHDE ELS 200 S

+ **Delft University of Technology**
  Netherlands
+ **Lugano Specialised School of Applied Arts**
  Switzerland

ROHDE ELS 330 S

+ **Engelsholm Højskole Bredsten**
  Denmark
+ **School of Design Bern and Biel**
  Switzerland

ROHDE HWE 1600 S

+ **Muthesius Academy of Fine Arts and Design, Kiel**
  Germany (photo above)

ROHDE ELS 480 S

+ **Stedelijke Academie voor Schone Kunsten**
  Belgium
+ **Royal College of Art London**
  Great Britain
+ **Dresden Academy of Fine Arts**
  Germany

ROHDE ELS 1000 S

+ **Geneva University of Art and Design**
  Switzerland
+ **Swarovski**
  Austria

ROHDE HWE 1800 S

+ **University of Art and Design Linz**
  Austria

“ When we create pottery in **craft class**, opening the kiln is usually the **most exciting moment**! And our pieces get better every time. ”

Frieda, Freie Waldorfschule Munich Southwest

N SERIES
CHAMBER KILNS

Only available from ROHDE: heating elements on five sides in grooved bricks – with or without roller-guided ELS drawer floor.

1240 °C
1300 °C max.

ELS 200 N

N SERIES HIGHLIGHTS

+ 5-sided heating

+ Heating elements protected in grooved bricks

High performance and robust design for everyday use in schools

R-SIC CEILING SUPPORT “SYSTEM ROHDE”

THE OLD PROBLEM

Traditionally, chamber kilns have ceilings made of lightweight firebricks as a slightly curved, self-supporting vault. When heated, expansion forces inevitably act on the edges where the bricks meet. These become brittle and disintegrate over time. Contamination trickles onto your ware and makes the decoration unsightly.

THE SOLUTION – DEVELOPED BY ROHDE

The lightweight firebricks all lie flat against each other. This means that there are no point forces. The ceiling is supported by long beams made of R-SiC, a highly durable high-tech material. **The advantages for you: less waste, more space in the kiln and a longer service life.**

The dark ceiling supports made of R-SiC are clearly visible.

N SERIES CHAMBER KILNS

With an application temperature of 1240 °C, the N series covers a large number of possible kiln applications.

The **5-sided heating** enables rapid and very uniform warm-up. The heating elements are protected in **grooved bricks** – with a groove geometry on the upper edges of the lightweight firebricks that is only available from ROHDE. This significantly reduces cracking and thus prevents contamination and reduced insulation performance.

ROHDE uses **beamed ceilings** in all chamber kilns instead of vaults made of stacked bricks, thus avoiding voltage at the brick edges and the disadvantages previously mentioned.

ELS DRAWER FLOOR

The most popular sizes are also available as ELS variants. This allows you to load perfectly from three sides and means you don't have to remove the furniture battens every time you repeat the firing.

ELS 200 N

KE 200 N

ELS-N series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
ELS	150 N	150	1240
ELS	200 N	200	1240

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

KE-N series electric chamber kilns

Model		Firing volume	Application temperature
		Litres	°C
KE	100 N	100	1240
KE	150 N	150	1240
KE	200 N	200	1240
KE	250 N	250	1240
KE	330 N	330	1240
KE	480 N	480	1240

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

“ In school use, a kiln should not only deliver good results. It must also be **robust and stable**. ”

Corvin Denk, Freie Waldorfschule Munich Southwest

B/L SERIES
CHAMBER KILNS

Perfect for school use, inexpensive chamber kilns with 3-sided heating. Either separable for easier transport or extra narrow to fit through narrow doors.

NEW

1220 °C
1280 °C max.

KE 210 B

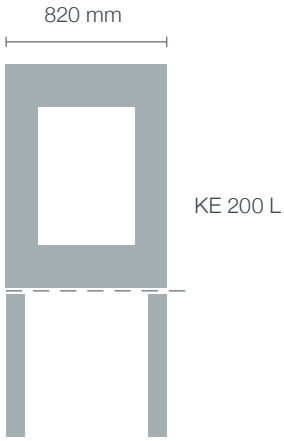
B/L SERIES HIGHLIGHTS

+ 3-sided heating
+ Heating elements protected in grooved bricks
+ Variants: separable or extra narrow

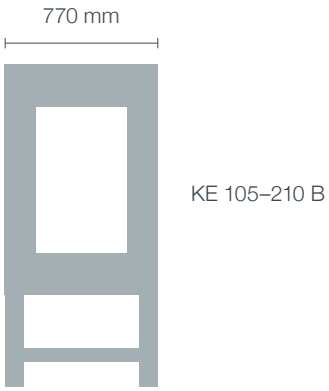
“ School is often stressful. **Pottery** is a great way to unwind – and **the result** is always something to look forward to. ”

Vincent, Freie Waldorfschule München Südwest (2nd from right)

L series: additionally separable
Thanks to the detachable base frame, transport and assembly are especially easy.



B series: compact construction
Even the larger models are very narrow and therefore fit through tight aisles and doors.



CHAMBER KILNS B/L SERIES

This low-cost series with an operating temperature of up to 1220 °C is suitable for earthenware and stoneware. The alternative 65-litre model KE 65 B-eco can even be operated at 1150 °C from a standard socket.

The **3-sided heating** is completely sufficient for firing thick-walled objects such as sculptures, for example. The heating elements are protected in **grooved bricks**, preventing accidental damage by inexperienced users.

Long-life ROHDE **beamed ceilings** are also installed in the L series. The R-SiC support structure protects the lightweight firebricks, preventing wear and unsightly contamination on your ceramics.

KE 100 L

KE 35 B

Sizes 35 and 65 are tabletop models without a base frame.

KE-L series electric chamber kilns
(with detachable base frame)

Model	Firing volume	Application temperature
	Litres	°C
KE 100 L	100	1220
KE 150 L	150	1220
KE 200 L	200	1220
KE 250 L	250	1220

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

KE-B series electric chamber kilns
(extra narrow)

Model	Firing volume	Application temperature	Kiln width
	Litres	°C	mm
KE 35 B	35	1220	610
KE 65 B-eco	65	**1150**	650
KE 65 B	65	1220	650
KE 105 B	105	1220	770
KE 130 B	130	1220	770
KE 170 B	170	1220	770
KE 210 B	210	1220	770

All sizes include ST 310 controller.
Features, options and data table: Pages 57–61

LE SERIES
LABORATORY KILNS

Fast, safe and economical testing.

LE 30 S

LE 60 SH

LE-S LABORATORY KILN

+ Ideal for energy-saving testing, annealing, calcining and firing
+ Create components for new glazes, glaze and firing tests or simply a single piece without disrupting your usual workflow
+ Simply transfer the firing curve to your standard kiln using the myKiln app
+ As with the other chamber kiln models, you receive all ROHDE quality and performance features

LE-SH LABORATORY KILN

+ Basically the same device concept as the LE-S model series
+ Specially designed for higher application temperatures up to 1380 °C (maximum 1400 °C possible)
+ Robust insulation layer for optimised energy consumption
+ Heavy-duty Kanthal APM heating elements and Alsint support rods ensure long service life

LE-S series electric laboratory kilns

Model		Firing volume	Application temperature
		Litres	°C
LE	15 S	15	1290
LE	30 S	30	1290
LE	60 S	60	1290
LE	120 S	120	1290

All sizes include ST 411 controller.
Features, options and data table: Pages 57–61

LE-SH series electric laboratory kilns

Model		Firing volume	Application temperature
		Litres	°C
LE	15 SH	15	1380
LE	30 SH	30	1380
LE	60 SH	60	1380
LE	120 SH	120	1380

All sizes include ST 411 controller.
Features, options and data table: Pages 57–61

CHAMBER KILNS FEATURES

R-SiC ceiling supports “System ROHDE” prevent cracking and thus unwanted contamination.

Heating elements on support rods for optimum heat output (LE series and all S series).

Heating elements in grooved bricks mounted in particularly protected position (N, B and L series).

ELS 200 S

Door safety switch mounted in protected position for safe operation.

Solid state relay (SSR) Semiconductor switch with external cooling element – quiet and durable.

Rear ventilation to prevent corrosion and for lower surface temperatures.

ELECTRIC CHAMBER KILNS OVERVIEW OF FEATURES

Series	**ELS-S KE-S**	**KE-S+ KE-SH**	**HWE-S**	**ELS-N KE-N**	**KE-B**	**KE-L**	**LE-S LE-SH**
Application temperature	1290 °C	1320 °C 1380 °C	1290 °C	1240 °C	1220 °C[1]	1220 °C	1290 °C 1380 °C
Maximum temperature	1320 °C	1350 °C 1400 °C	1320 °C	1300 °C	1280 °C[1]	1280 °C	1320 °C 1400 °C
Corrosion protection and low surface temperature thanks to rear ventilation on the side walls and door	●	●	●	●	●	●	●
Ceiling sheet: perforated metal plate to prevent heat and moisture build-up	●	●	●	●	●	●	●
Number of heated sides	5	5	5	5	3	3	5
Heating elements[2] secured against slipping	●	●	●	●	●	●	●
Floor heating protected by SiC batt	●	●	●	●	●	●	●
R-SiC ceiling support “System ROHDE”	●	●	●	●	●[3]	●	●
Thermocouple protected and installed	●	●	●	●	●	●	●
Door lintel made of stainless steel	●	●	●	●	●	●	●
Door opens easily and wide (approx. 180°), elastic door seal	●	●	●	●	●	●	●
Large, practical door handle	●	●	●	●	●	●	●
Adjustable door latch, lockable	●	●	●	●	Optional[3]	●	●
A Door hinges on the left (controller on the right)	Optional	Optional	Optional	Optional	Optional	–	–
Leg pairs detachable and easy to assemble	●[4]	●	–	●[4]	–	●	–
Central exhaust air socket Ø 80 mm for pipe connection	●	●	●	●	Optional	●	●
Central exhaust air opening with flap handle, easy to operate	●	●	●	●	Optional	●	●
Air supply slide, easy to operate	●	●	●	●	●	●	●
B C Supply/exhaust air control	Optional	Optional	Optional	Optional	–	Optional	Optional
Flexible exhaust air hose	Optional	Optional	–	Optional	Optional	Optional	Optional
Exhaust air hood	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Safety and work protection according to VDE	●	●	●	●	●	●	●
Automatic ROHDE kiln control (CPC 14 / CPC 19 plug)	●	●	●	●	●	●	●
D Multi-zone control	Optional	Optional	Optional	Optional	–	–	Optional
Silent and low-wear semiconductor switches	●	●	●	●	●	●	●
Controller mounting plate, swivel-mounted	●	●	●	●	●	●	●
E Peep hole for monitoring firing (in the door)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
F Drying rack shelf	Optional	Optional	–	Optional	Optional[3]	Optional	–
G Forklift loading frame	Optional[4]	Optional	–	Optional[4]	–	–	–
3-year warranty (excluding wear parts)	●	●	●	●	●	●	●

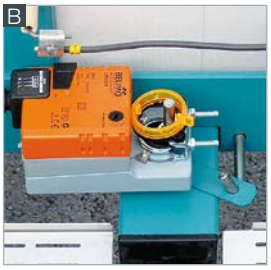
[1] KE 65 B eco: 1150 °C and 1200 °C [2] Kanthal A1 (KE-SH + LE-SH: Kanthal APM) [3] not for KE 35 B and KE 65 B [4] not for ELS-S / N

ELECTRIC CHAMBER KILNS OPTIONS

A

Door hinges on left

B

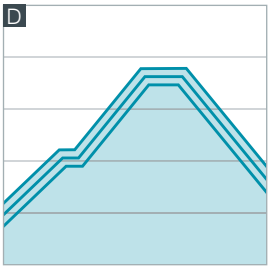


Supply air flap with servomotor

C

Exhaust air flap handle with servomotor

D



Multi-zone control

Best reproducibility and good temperature distribution.

E

Peep hole

Safe monitoring of firing by simply observing Seger cones.

F

Drying rack as storage

Space-saving and faster drying.

G

Loading rack for forklift trucks

For safe and easy loading.

ELECTRIC CHAMBER KILNS TECHNICAL DATA

ELS-S series electric chamber kilns (page 44)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
ELS	150 S	150	1290	1320	460 × 430 × 680	820 × 1100 × 1740	440	10,5	15,2	CEE 16 A	400 × 420	16
ELS	200 S	200	1290	1320	460 × 590 × 680	820 × 1240 × 1740	495	13,2	19,1	CEE 32 A	400 × 560	17
ELS	330 S	330	1290	1320	600 × 670 × 790	960 × 1320 × 1850	612	22,0	31,8	CEE 32 A	500 × 600	19
ELS	480 S	480	1290	1320	650 × 770 × 990	1130 × 1410 × 2100	906	32,0	46,3	CEE 63 A	580 × 350	20
ELS	600 S	600	1290	1320	720 × 840 × 1020	1200 × 1490 × 2100	1085	40,0	57,9	CEE 63 A	340 × 370	21
ELS	750 S	750	1290	1320	720 × 1060 × 1020	1200 × 1720 × 2100	1205	50,0	72,4	–*	330 × 480	22
ELS	1000 S	1000	1290	1320	920 × 1060 × 1140	1400 × 1700 × 2210	1382	70,0	101,4	–*	425 × 470	23
ELS	1200 S	1200	1290	1320	920 × 1060 × 1250	1400 × 1700 × 2320	1434	70,0	101,4	–*	425 × 470	23

KE-S series electric chamber kilns (page 44)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
KE	100 S	100	1290	1320	410 × 430 × 530	730 × 1040 × 1760	344	8,0	11,5	CEE 16 A	370 × 400	15
KE	150 S	150	1290	1320	460 × 430 × 680	800 × 1040 × 1830	378	10,5	15,2	CEE 16 A	400 × 420	16
KE	200 S	200	1290	1320	460 × 590 × 680	800 × 1200 × 1830	413	13,2	19,1	CEE 32 A	400 × 560	17
KE	250 S	250	1290	1320	530 × 590 × 760	880 × 1200 × 1850	488	16,5	23,9	CEE 32 A	480 × 560	18
KE	330 S	330	1290	1320	590 × 670 × 790	940 × 1280 × 1850	542	22,0	31,8	CEE 32 A	500 × 600	19
KE	480 S	480	1290	1320	640 × 730 × 960	980 × 1340 × 1870	625	32,0	46,3	CEE 63 A	580 × 350	20
KE	600 S	600	1290	1320	720 × 830 × 1020	1250 × 1460 × 2050	1057	40,0	57,9	CEE 63 A	340 × 370	21
KE	750 S	750	1290	1320	720 × 1030 × 1020	1250 × 1660 × 2050	1158	50,0	72,4	–*	330 × 480	22
KE	1000 S	1000	1290	1320	920 × 1010 × 1140	1250 × 1650 × 2050	1315	70,0	101,4	–*	435 × 470	23

KE-S+ series electric chamber kilns (page 45)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt*** (W × D)
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm
KE	100 S+	100	1320	1350	410 × 430 × 530	730 × 1040 × 1760	340	8,0	11,5	CEE 16 A	370 × 400
KE	150 S+	150	1320	1350	460 × 430 × 680	800 × 1040 × 1830	385	10,5	15,2	CEE 16 A	400 × 420
KE	200 S+	200	1320	1350	460 × 590 × 680	800 × 1200 × 1830	434	13,2	19,1	CEE 32 A	400 × 560
KE	250 S+	250	1320	1350	530 × 590 × 760	880 × 1200 × 1850	523	16,5	23,9	CEE 32 A	480 × 600
KE	330 S+	330	1320	1350	590 × 670 × 790	940 × 1280 × 1850	554	22,0	31,8	CEE 32 A	500 × 600
KE	480 S+	480	1320	1350	640 × 730 × 960	980 × 1340 × 1870	693	32,0	46,3	CEE 63 A	580 × 350

KE-SH series electric chamber kilns (page 45)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt*** (W × D)
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm
KE	100 SH	100	1380	1400	410 × 470 × 530	810 × 1130 × 1770	403	10,5	15,2	CEE 16 A	370 × 400
KE	150 SH	150	1380	1400	460 × 470 × 690	860 × 1130 × 1840	492	15,0	21,7	CEE 32 A	400 × 420
KE	200 SH	200	1380	1400	460 × 630 × 690	860 × 1290 × 1830	558	18,0	26	CEE 32 A	400 × 560
KE	250 SH	250	1380	1400	530 × 630 × 760	930 × 1300 × 1860	625	24,0	34,7	CEE 63 A	480 × 560
KE	330 SH	330	1380	1400	580 × 710 × 800	980 × 1370 × 1870	690	32,0	46,3	CEE 63 A	500 × 600
KE	480 SH	480	1380	1400	630 × 770 × 990	1030 × 1430 × 1910	800	40,0	57,9	CEE 63 A	580 × 350

ELS-N series electric chamber kilns (page 51)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
ELS	150 N	150	1240	1300	460 × 470 × 680	820 × 1080 × 1730	443	9,0	13	CEE 16 A	420 × 400	16
ELS	200 N	200	1240	1300	460 × 630 × 680	820 × 1240 × 1730	500	11,0	15,9	CEE 16 A	400 × 560	17

* The fixed connection to the kiln control box must be carried out by a qualified electrician.

KE-N series electric chamber kilns (page 51)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
KE	100 N	100	1240	1300	410 × 480 × 530	770 × 1040 × 1750	329	6,6	9,5	CEE 16 A	390 × 400	6
KE	150 N	150	1240	1300	460 × 480 × 680	820 × 1040 × 1830	378	9,0	13	CEE 16 A	400 × 440	7
KE	200 N	200	1240	1300	460 × 640 × 680	820 × 1210 × 1830	415	11,0	15,9	CEE 16 A	400 × 600	8
KE	250 N	250	1240	1300	530 × 640 × 760	900 × 1200 × 1850	471	13,7	21,6	CEE 32 A	480 × 560	18
KE	330 N	330	1240	1300	590 × 720 × 790	960 × 1280 × 1850	537	16,5	23,9	CEE 32 A	550 × 340	10
KE	480 N	480	1240	1300	640 × 780 × 960	1000 × 1340 × 1870	632	22	31,8	CEE 32 A	600 × 360	11

KE-B series electric chamber kilns (page 55)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
KE	35 B	35	1220	1280	340 × 350 × 300	610 × 710 × 830	111	3,6	15,6	Standard	300 × 300	38
KE	65 B-eco	65	**1150**	**1200**	380 × 390 × 420	650 × 770 × 940	141	3,6	15,6	Standard	330 × 330	34
KE	65 B	65	1220	1280	380 × 390 × 420	650 × 770 × 940	141	5,5	11,9	CEE 16 A	330 × 330	34
KE	105 B	105	1220	1280	450 × 410 × 560	770 × 950 × 1620	270	7,0	15,2	CEE 16 A	370 × 340	25
KE	130 B	130	1220	1280	450 × 450 × 630	770 × 990 × 1620	294	8,0	11,5	CEE 16 A	400 × 420	16
KE	170 B	170	1220	1280	450 × 530 × 710	770 × 1060 × 1620	326	9,0	13	CEE 16 A	400 × 440	7
KE	210 B	210	1220	1280	450 × 640 × 710	770 × 1180 × 1620	356	11,0	15,9	CEE 16 A	400 × 560	17

KE-L series electric chamber kilns (page 55)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt (W × D)	
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	mm	Set no.**
KE	100 L	100	1220	1280	430 × 490 × 530	770 × 1040 × 1750	304	7,0	15,2	CEE 16 A	400 × 440	7
KE	150 L	150	1220	1280	480 × 490 × 680	820 × 1040 × 1830	353	9,0	13	CEE 16 A	400 × 440	7
KE	200 L	200	1220	1280	480 × 650 × 680	820 × 1200 × 1830	401	11,0	15,9	CEE 16 A	400 × 600	8
KE	250 L	250	1220	1280	562 × 650 × 760	890 × 1200 × 1850	446	13,5	19,5	CEE 32 A	500 × 600	19

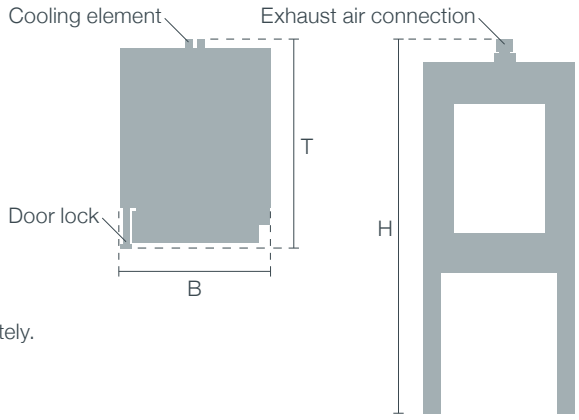
LE-S series electric laboratory kilns (page 56)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	
LE	15 S	15	1290	1320	250 × 230 × 250	670 × 840 × 1520	190	7,0	15,2	CEE 16 A	On request
LE	30 S	30	1290	1320	320 × 300 × 320	740 × 910 × 1590	231	8,0	11,5	CEE 16 A	On request
LE	60 S	60	1290	1320	400 × 340 × 400	820 × 990 × 1670	287	11,0	15,9	CEE 16 A	On request
LE	120 S	120	1290	1320	500 × 440 × 500	920 × 1090 × 1770	360	15,0	21,7	CEE 32 A	On request

LE-SH series electric laboratory kilns (page 56)

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Current	Connection	Furniture batt
		Litres	°C	°C	mm	mm	kg	kW	A	Plug	
LE	15 SH	15	1380	1400	250 × 230 × 250	750 × 880 × 1550	260	8,0	17,3	CEE 32 A	On request
LE	30 SH	30	1380	1400	320 × 300 × 320	820 × 950 × 1620	313	10,0	21,7	CEE 32 A	On request
LE	60 SH	60	1380	1400	400 × 380 × 400	900 × 1030 × 1700	393	12,0	17,3	CEE 32 A	On request
LE	120 SH	120	1380	1400	500 × 480 × 500	1000 × 1130 × 1800	493	18,0	26	CEE 32 A	On request

Depending on the model, ROHDE kilns are also available with alternative power plugs and power ratings. Ask for advice when purchasing!



Furniture batt sets are not included in the scope of delivery and must be ordered separately.

** A description of the recommended furniture batt sets can be found on page 113.

*** Furniture batt sets available on request (custom-made).

CERAMICS **CONNECT**

Sharing across national and linguistic boundaries is a hallmark of a creative ceramics community.

instagram.com/tortus
tortuscopenhagen.bigcartel.com

instagram.com/caracaraorange
carajanelle.com

instagram.com/
annikaschueler_porcelain
annikaschueler.de

Photo: Wei Ling Khor

instagram.com/atelier_aimee
atelieraimee.be

instagram.com/
dorfkind_keramik
dorfkindkeramik.de

instagram.com/_studiomue/
studiomue.de

instagram.com/floriangadsby
floriangadsby.com

instagram.com/hamburg_ceramic
hamburgceramic.com

instagram.com/tumayerman
tumayerman.com

instagram.com/toepfer_tobi
online-toepferkurse.de

instagram.com/potteria
potteria.at

instagram.com/jonosmart
jonosmart.co.uk

ROHDE **CONTROLLERS**

You will find the right model for every requirement here: reliable, robust, intuitive and easy to use. And the most important firing programs are already pre-installed.

Whether directly on the controller or remotely via the ROHDE myKiln app: you always have the firing process safely under control.

ST 310 controller – included as standard

ROHDE myKiln app – the digital kiln manager

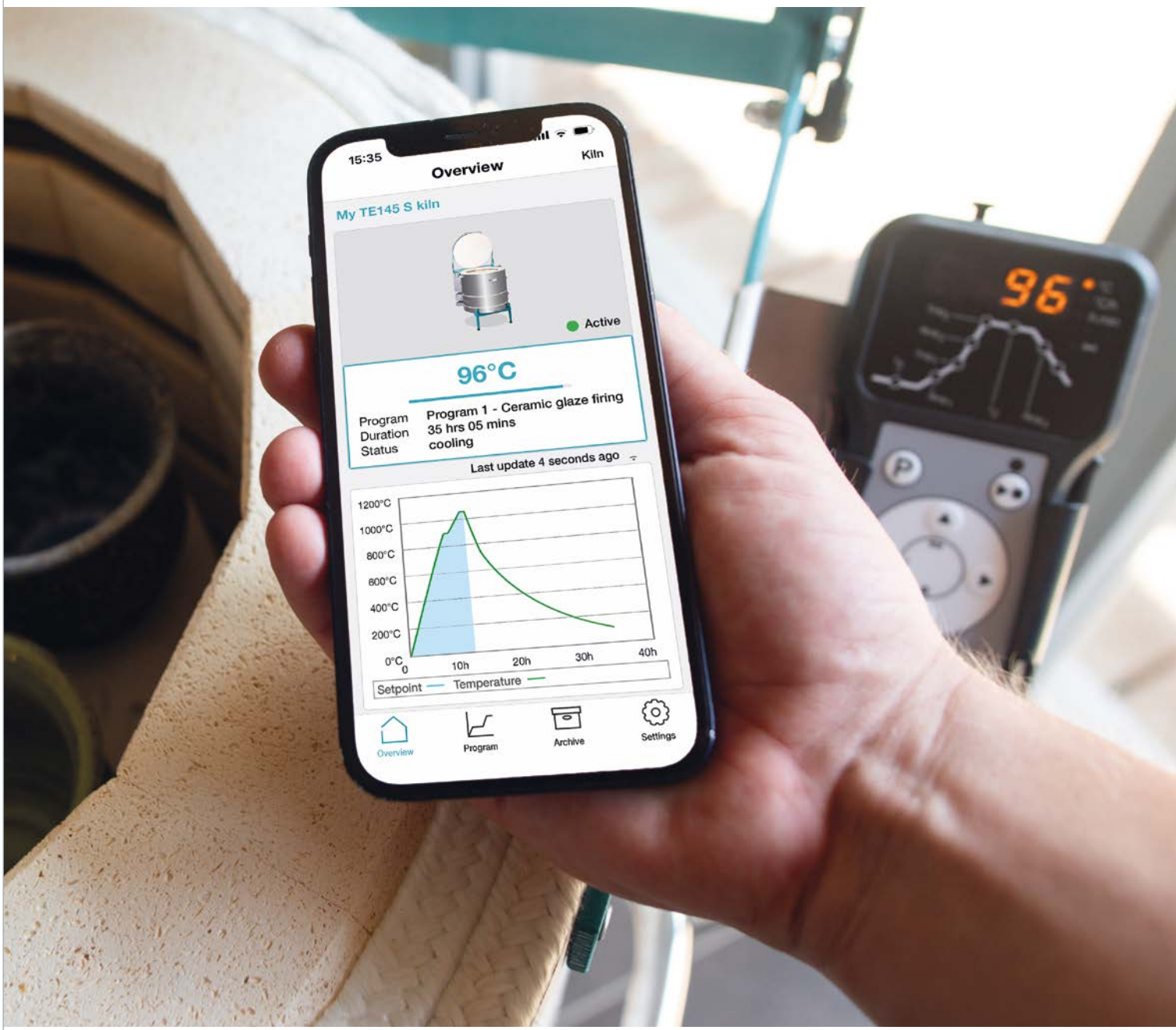
SOLARREADY

ROHDE SolarReady – sustainable firing with your own electricity from photovoltaics


25
P
ROHDE
ST 310

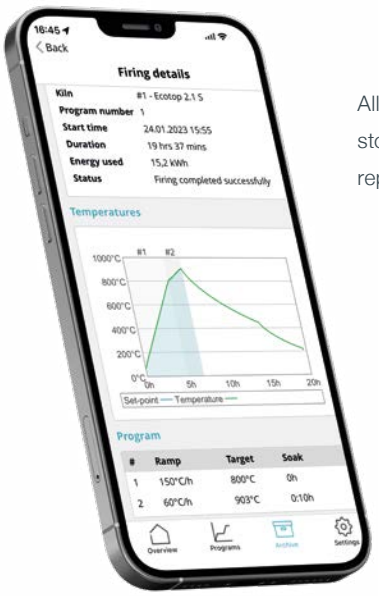
ROHDE MYKILN APP

The digital kiln manager for every electrically heated ROHDE kiln – you've never had so much overview and control over programs and firing history!



Whether on your cell phone, tablet, or PC, whether in the workshop or far away – with ROHDE myKiln, you have your ROHDE kilns under control.

All previous firings can be easily found and repeated in the sortable archive.



All relevant details are stored – for precisely reproducible firings.

THE DIGITAL **FIRING LOG**

WHAT CAN THE ROHDE MYKILN APP DO?

+ Create and manage firing programs more easily than ever
+ Clear archive: create categories as desired (e.g., “biscuit firing”) and integrate images and comments
+ Send programs easily to any WiFi-enabled ROHDE controller
+ Keep an eye on the current status of all ongoing firings from anywhere and at any time (including the status of automated supply air and exhaust air flaps)
+ Display of actual energy consumption
+ Automatic push notification in case of status change or malfunction

WHAT DO I NEED TO DO?

+ Download the free app
+ Activate WiFi on the controller and connect it to your router (if your controller is not yet WiFi enabled, please order a current one of your choice)
+ Select the kiln/controller in the app and transfer the desired program
+ Start the program on the controller – it will then control the kiln autonomously as usual (even without a WiFi connection or active myKiln app)

HOW DO I GET SUPPORT?

+ The integrated help function can assist with almost all questions
+ If you encounter any problems, ROHDE Support can provide targeted assistance by sending the firing data

The app works with any ROHDE kiln built since 1994 in combination with a current controller from the ST series.

Further information and free app download: mykiln.rohde.eu

ST 310 **CONTROLLER**

Perfectly suited for most ceramic applications. Supplied as standard with all ROHDE electric kilns – controller upgrade easily possible when ordering the kiln.

+ For workshops, schools and hobbyists
+ 32 programs can be created
+ 2 heating ramps, 1 holding time, 1 cooling ramp, defined end temperature
+ Clear and easy to use
+ USB interface for ROHDEgraph
+ WLAN module for ROHDE myKiln app
+ ROHDE SolarReady

SOLARREADY

ST 310 controller	
Zone control	1 zone
Event control (freely programmable switch outputs)	–
ROHDE myKiln app / ROHDEgraph	• / •
ROHDE SolarReady	•
Program	32
Segments	2 temperature ramps, 1 holding time

For further technical data, see page 71

Further information on the ROHDE myKiln app and free app download: mykiln.rohde.eu

ST 411 **CONTROLLER**

With additional supply air or exhaust air flap control. Particularly practical for glass fusing: functions for program pause and jump to the next segment.

+ For ceramics and glass workshops, schools and laboratories
+ Particularly suitable for glass fusing
+ 1 event control (e.g. supply air flap or exhaust air flap)
+ 32 programs can be created
+ Up to 32 segments (heating or cooling ramps with holding times)
+ Clear and easy to use
+ USB interface for ROHDEgraph
+ WLAN module for ROHDE myKiln app
+ ROHDE SolarReady

ST 411 controller	
Zone control	1 zone
Event control (freely programmable switch outputs)	1 event
ROHDE myKiln app / ROHDEgraph	• / •
ROHDE SolarReady	•
Program	32
Segments (temperature ramp with holding time)	32

For further technical data, see page 71

Further information on the ROHDE myKiln app and free app download: mykiln.rohde.eu

ST 600 SERIES
CONTROLLERS

Maximum flexibility: for controlling supply air/exhaust air dampers and/or for separate control of several kiln zones for perfect temperature distribution.

+ For ceramics and glass workshops, schools and laboratories
+ 32 programs can be created (up to 32 segments each)
+ Clear and easy to use
+ USB interface for ROHDEgraph
+ WLAN module for ROHDE myKiln app

ST 612: 1 zone / 2 events

Particularly suitable for rectangular toploader BT 300:
ST 621: 2 zones / 1 event

Suitable for other multi-zone kilns:
ST 630: 3 zones / 0 events
ST 632: 3 zones / 2 events

ST 600 series controllers

Model	ST 612	ST 621	ST 630	ST 632
Zone control	1	2	3	3
Event control (freely programmable switch outputs)	2	1	–	2
ROHDE myKiln app / ROHDEgraph	• / •			
ROHDE SolarReady	–			
Program	32			
Segments (temperature ramp with holding time)	32			

For further technical data, see page 71

Further information on the ROHDE myKiln app and free app download: mykiln.rohde.eu

CONTROLLER OVERVIEW

Technical	Series					
Model	**ST 310**	**ST 411**	**ST 612**	**ST 621**	**ST 630**	**ST 632**
Zone control*	1 zone	1 zone	1 zone	2 zones	3 zones	3 zones
Event control* (freely programmable switch outputs)	–	1 event	2 events	1 event	–	2 events
Error message	•					
Key lock	•					
Power consumption display	•					
Over-temperature safety	•					
ROHDE myKiln app / ROHDEgraph	• / •					
ROHDE SolarReady	•		–			
Programs	32					
Segments (temperature ramp with holding time)	2 temperature ramps, 1 holding time	32 segments				
Delayed program start	0:00–99:59					
Heating speed	1–999 °C/h or maximum (“Full”)					
Switch point / target temperature	1–1400					
Holding time	0:00–99:59					
Cooling rate	1–999 °C/h or natural cooling (“Full”)					
End temperature	150–1400 °C					
Dimensions (W × L × H) / weight	80 × 170 × 30 mm / 500 g		100 × 220 × 35 mm / 730 g			
Plug connection	ROHDE CPC 14					ROHDE CPC 19

* Zones and events: If you order a kiln with several separately controllable heating circuit zones and/or with supply air flap/exhaust air flap control, we will automatically add the appropriate controller model.

** Typical programs for initial firing, biscuit firing, earthenware and stoneware are already pre-installed.

ROHDEGRAPH

DISPLAY AND ARCHIVE FIRING CURVES ON YOUR PC

ROHDEgraph works with all ROHDE controllers in the ST series. During firing, the firing data is automatically written to a USB stick connected to the controller. This data can then be displayed and saved as a firing curve using ROHDEgraph on a PC (Windows or macOS) with Microsoft Excel.

Further information:
rohde.eu/graph

A service video about the functions can be found on the ROHDE YouTube channel

FIRING CERAMICS **WITH SOLAR POWER**

ROHDE SolarReady – fire sustainably and become less dependent on rising energy costs! We have already prepared everything for you.

SOLARREADY

By using your own power supply, you can lower electricity costs all year round, even in winter and on cloudy days.

With the ST 310 and ST 411 controllers, you can operate any ROHDE kiln built since 1994 with solar power. This allows you to fire more sustainably while reducing your electricity costs.

HOW MUCH DO I SAVE ON CERAMIC FIRING WITH MY OWN SOLAR POWER?

The specific savings depend on the price of electricity, the size of the kiln, the type of firing and the output of your photovoltaic system. If the PV system and kiln are well matched, the proportion of self-generated electricity can be up to 95%.

WHY DO I NEED A PV-OPTIMISED CONTROL SYSTEM?

A kiln regulates the temperature by switching the heating elements on and off at regular intervals. With conventional controllers, this happens so quickly that a PV system cannot keep up. With a PV-optimised control system, these switching cycles are extended. The ST 310 and ST 411 controllers can be switched between conventional and PV-optimised firing.

DOES PHOTOVOLTAICS AFFECT THE FIRING CURVE OR THE RESULT?

In the low temperature range, the firing curve is still noticeably wavy compared to the smooth target curve. This changes long before the temperature ranges relevant for ceramic quality (quartz inversion) are reached. Before market launch, we conducted intensive testing in our own laboratory and at several ceramics companies: There are no differences in terms of results.

WHAT CHANGES IN THE POWER SUPPLY FOR MY KILN?

Current PV systems are connected to the grid. This means that the kiln remains connected to the building's power supply as before. The electricity from the PV system is used first, and correspondingly less electricity comes from the grid. There is no interruption in the power supply. Not even during ceramic firing.

WHICH ROHDE KILN IS BEST FOR MY PV SYSTEM?

The peak power of your PV system should be 2.5 times higher than the connected load of your kiln. This means that an Ecotop 60 is the right size for 9.9 kW PV systems. For larger 20 kW PV systems, a TE 200 S would be the perfect combination.

“ We fire our kilns every week in our ceramic workshop. Up to 95% of our electricity comes **from solar power** when the weather is nice. Even in winter or when it is very cloudy, the sun saves us up to **20% of our electricity costs**. ”

Günter Hermans, ceramicist from Mitterskirchen

Intuitive and convenient control:
ST 310 controller + ROHDE myKiln app

You can find all the information about ROHDE SolarReady here:
solarready.rohde.eu

SUSTAINABILITY MADE IN **NOOSA, AUSTRALIA**

Beautiful and durable reusable ceramic coffee mugs as an alternative to takeaway waste – that's the core idea behind Pottery for the Planet. The result is a real success story!

“ Our cups are **designed to last**. The use of photovoltaics with **ROHDE SolarReady** is one way we are really making a difference. ”

Renton Bishopric, ceramicist from Noosa, Queensland, Australia

Renton Bishopric, a second-generation potter, is the founder and owner of Pottery for the Planet.

“ OUR REUSABLE COFFEE CUPS, FIRED WITH SOLAR POWER. ”

ENVIRONMENTALLY CONSCIOUS FROM THE START

The original location of the pottery workshop was deliberately chosen to be close to woodworking businesses. Here, wood waste provided a cost-effective and sustainable source of energy. However, the goal remained to optimise the firing methods in order to further minimise environmental impact.

THE SUN MAKES THE DIFFERENCE

Queensland is sunny, and with the development of solar technology, it has become possible to generate all the energy needed for production from photovoltaics. “We take the clay from the earth, get the energy from the sun, and create pottery that is made for the planet!”

@potteryfortheplanet @bigna.r

“ I love being **creative**, bringing ideas to life and giving shape to my intentions in clay. ”

Bigna Roner, ceramicist from Noosa, Queensland, Australia

A chamber kiln from the KE-N series – 480-litre firing chamber heated with electricity from photovoltaics.

ROHDE **GAS AND RAKU**

Firing ceramics with gas is demanding. It requires experience and constant monitoring by the ceramicist. However, the effort is rewarded with additional creative possibilities.

ROHDE supports you with advanced, durable designs in kiln construction and specially-developed gas burners.

Gas toploaders with optimised flame control

ROHDE pot burners for perfect and stable gas flames

Raku chamber kiln designed for easy operation

FIRING TEMPERATURES

For quick reference, you will find the adjacent button on the product pages.

APPLICATION TEMPERATURE

This is always displayed in large letters at the top of the button. The kiln is designed for problem-free continuous operation up to this firing temperature.

MAXIMUM TEMPERATURE

Occasional firings up to this temperature are possible, but increase wear and energy consumption.

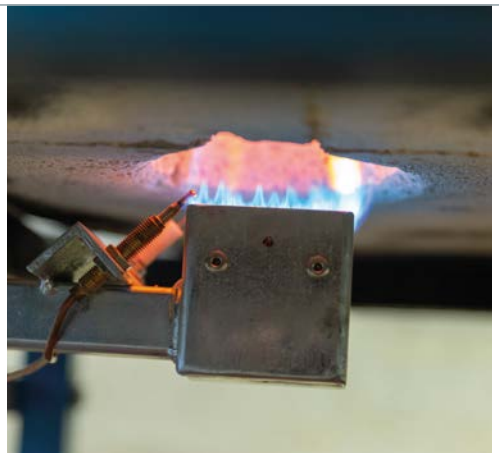
FIRE SAFELY – WITH PEACE OF MIND

All insulation materials are harmless to health and the environment (in accordance with Regulation EC No. 1272/2008).

FIRING CERAMICS **WITH GAS**

Even though firing with electric kilns is often easier to control, gas kilns offer unbeatable advantages depending on the application.

Gas firing greatly expands your artistic possibilities in terms of materials, shapes and glazes.


The special ROHDE pot burners are very quiet. They produce a particularly even and stable flame – for perfect temperature distribution and successful results.

A GOOD CHOICE

MORE CREATIVE POSSIBILITIES

Gas kilns enable reduction firing with greatly reduced oxygen in the firing chamber. This results in unique color and structural effects in glazes. In addition, soft-paste porcelain only remains truly white when fired in an oxygen-depleted atmosphere. Objects made of paper clay with complex shapes and thicker walls are also better suited to gas kilns. The paper soot would cause the heating elements in electric kilns to wear out quickly.

DURABLE AND ECONOMICAL

Gas-fired kilns are very durable due to their design. They contain hardly any components that wear out. Because no heating elements need to be replaced, unlike in electric kilns, they perform very well in terms of life cycle costs. Gas is also an alternative if the workshop does not have a sufficiently powerful or reliable power supply.

TG series gas toploaders

Chamber kiln gas series KG

TG SERIES
GAS TOPLOADERS

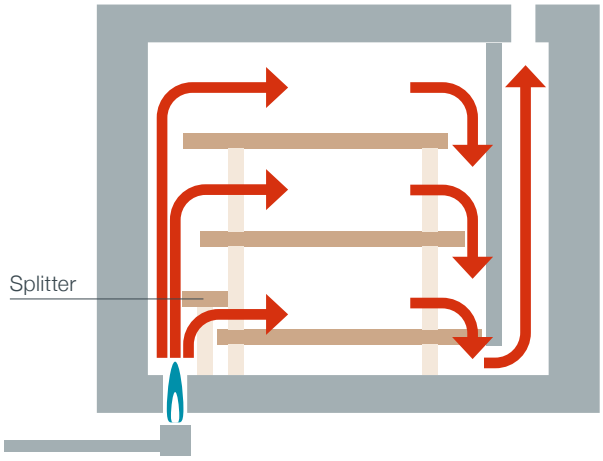
1320 °C
1350 °C max.

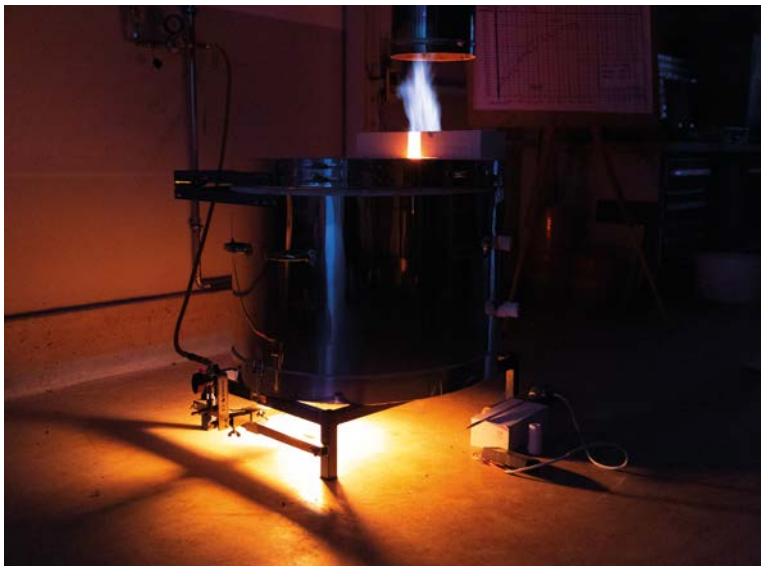
The cost-effective kiln design with a small to medium-sized firing chamber – combined with excellent burners for outstanding results.

TG 80

HIGHLIGHTS

+ **Optimal downdraft flame control**
+ **Can be easily disassembled for simple transport**
+ **Safe and easy lid opening thanks to gas pressure spring**





OPTIMISED FLAME CONTROL

The structural design of the ROHDE kiln interior with the defined arrangement of burner inlet and chimney ensures a rolling downdraft flame movement, which heats the entire ware very evenly. This is supported by the offset arrangement of the furniture batt and an optional splitter.

The insulation with lightweight firebricks (instead of fibre mats) also ensures more even heat distribution. It also reduces energy consumption.

WELL-DESIGNED OVERALL SYSTEM

You receive a high-quality, durable kiln including all necessary components such as gas burner with all gas fittings, peep hole and thermocouple with temperature meter. Optional extras can be found on page 93.

TG series gas toploaders

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions* (W × D × H)	Weight	Power	Burner	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	Number	mm	Set no.**
TG	80	80	1320	1350	525 × 500 × 455	1045 × 860 × 830	120	20	1	ø 420	2
TG	170	170	1320	1350	635 × 640 × 530	1205 × 1000 × 905	161	40	2	ø 550	4
TG	220	220	1320	1350	635 × 640 × 680	1205 × 1000 × 1055	185	40	2	ø 550	4
TG	270	270	1320	1350	750 × 640 × 680	1320 × 1000 × 1055	205	40	2	Cut to size	28

* Includes butane/propane burner

** A description of the recommended furniture batt sets can be found on page 113.

Furniture batt sets are not included in the scope of delivery and must be ordered separately.

KG SERIES
GAS CHAMBER KILNS

Durable ROHDE gas kiln technology at its best – also for large quantities of ware.

1320 °C
1350 °C max.

KG 500 A

HIGHLIGHTS

+ **Optimal downdraft flame control**
+ **Unique, extremely robust exhaust pipes**
+ **High-quality stainless steel design**

SOLID AND RETAINS ITS VALUE

A gas kiln for life: All components are carefully selected or developed and manufactured from high-quality materials.

+ Extremely durable exhaust pipes for optimum downdraft flame control
+ Rear ventilated stainless steel frame and flame deflectors for low surface temperatures
+ Exhaust air flap handle scale facilitates atmosphere control
+ Energy-saving insulation with lightweight firebricks and rear insulation
+ R-SiC ceiling construction from ROHDE prevents wear and contamination

THE BASIC VERSION ALREADY INCLUDES A HIGH-QUALITY COMPLETE SYSTEM

You can get started right away: All necessary components such as gas burner with all gas fittings, peep hole, stainless steel exhaust hood and thermocouple with temperature meter are included in the scope of delivery. Optional extras can be found on page 93.

Photo: Caroline Kesteleyn

+ The special ROHDE ceiling construction prevents cracks and contamination

+ The rear ventilated stainless steel cladding prevents corrosion and excessive heat radiation

KG series gas chamber kilns

Model	Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions* (W × D × H)	Weight	Power	Burner	Furniture batt	
	Litres	°C	°C	mm	mm	kg	kW	Number	mm	Set no.***
KG 250 A	250	1320	1350	540 × 630 × 760	1190 × 1140 × 1880**	590	40	2	500 × 600	9
KG 340 A	340	1320	1350	700 × 760 × 760	1500 × 1350 × 1880**	800	80	4	550 × 340	10
KG 500 A	500	1320	1350	610 × 870 × 980	1410 × 1460 × 2210**	900	80	4	560 × 380	29
KG 750 A	750	1320	1350	830 × 890 × 1140	1630 × 1470 × 2360**	1020	80	4	400 × 400	30
KG 1000 A	1000	1320	1350	830 × 1050 × 1210	1630 × 1630 × 2430**	1250	120	6	400 × 480	31

* Includes butane/propane burner ** Body dimensions including detachable stainless steel exhaust air hood

*** A description of the recommended furniture batt sets can be found on page 113.

Furniture batt sets are not included in the scope of delivery and must be ordered separately.

FIRING CERAMICS **WITH RAKU**

Fire fascinates. No other type of ceramic firing offers such an intense experience of elemental forces as raku firing.

Photo: Caroline Kesteleyn

Each object is unique – only with raku can you create works with distinctive decorations in a short time.



Photo: Caroline Kesteleyn

An almost archaic experience – raku inspires and guarantees a successful highlight for any event.

A TOUCH OF EXHILARATION

Wearing protective clothing, you open the kiln door. Everything is bathed in light. Heat hits you. The glowing ware is removed with tongs. The flames dance in the tub filled with sawdust. Then the water hisses and boils in the cooling bath. Only thorough scrubbing transforms a charcoal-black object into a masterpiece.

What a day!

ROHDE consistently focuses on long-lasting quality and premium materials in the construction of its raku kilns. Lightweight insulating firebricks are used to ensure excellent thermal performance, while the exceptionally even temperature distribution guarantees optimal firing results.

KR series raku chamber kiln

TR series raku toploader

TR SERIES
RAKU TOPLOADERS

The stainless steel casing and stable lightweight firebrick insulation guarantee robustness for long-term use.

1100 °C
1150 °C max.

TR 80

HIGHLIGHTS

+ **Safe insulation made of lightweight firebrick ensures even heat distribution**
+ **Glowing ware can be removed easily and safely with the alternative “Vario” model**
+ **Optional with complete burner set**

TR 80 Vario

EASY TO HANDLE

The lightweight construction and the fact that it can be disassembled make it easy to transport and set up. Optional castors provide additional assistance. A gas pressure spring supports the lid opening. In combination with the powerful, quiet burner, you can easily achieve fast and even heat distribution.

EVERYTHING YOU NEED

You receive a high-quality, durable raku kiln with or without a raku set. This includes the raku burner with hose connection, pressure regulator, manometer and thermocouple with temperature meter. Optional extras can be found on page 93.

MORE FLEXIBLE AND SIMPLER

Thanks to its special structure, the TR 80 Vario and TR 170 Vario models can be easily expanded in two stages for any firing requirements. The lid and extension rings are simply placed on top and can be removed individually after firing – for safer and easier removal of the glowing ware.

TR series raku toploaders

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Burner	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	Number	mm	Set no.*
TR	44	44	1100	1150	400 × 400 × 340	625 × 640 × 730	62	30	1	ø 350	1
TR	80	80	1100	1150	460 × 460 × 495	685 × 700 × 885	86	30	1	ø 410	2
TR	80 Vario	80	1100	1150	460 × 460 × 610	685 × 620 × 885	83	30	1	ø 410	2
TR	170	170	1100	1150	610 × 610 × 565	835 × 860 × 960	123	30	1	ø 540	32
TR	170 Vario	170	1100	1150	610 × 610 × 565	835 × 860 × 960	123	30	1	ø 540	32
Extension rings (for model TR 80 Vario – extendable by a maximum of two rings)											
ZWR	80	+ 40	1100	1150	460 × 460 × 225	685 × 620 × 225	16	–	–	ø 410	2
ZWR	170	+ 65	1100	1150	610 × 610 × 225	835 × 860 × 225	22	–	–	ø 540	32

* A description of the recommended furniture batt sets can be found on page 113.

Furniture batt sets are not included in the scope of delivery and must be ordered separately.

KR SERIES
RAKU CHAMBER KILNS

Maximum convenience for raku firing – only with ROHDE.

1100 °C
1150 °C max.

KR 70

HIGHLIGHTS

+ **High-quality insulation made largely from lightweight firebrick**
+ **Optional with complete burner set**
+ **Space-saving drying attachment available as an option**

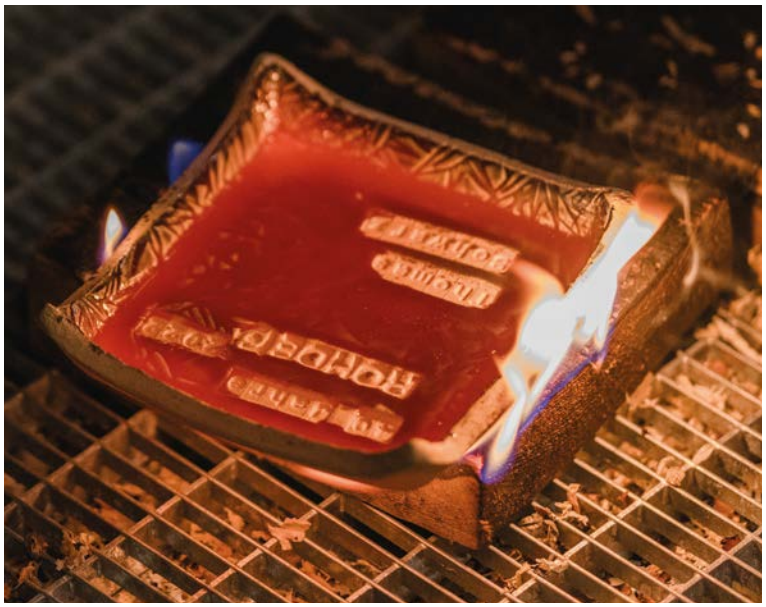
THE DREAM TEAM: RAKU + CHAMBER KILN

Removing red-hot ware safely and easily from a kiln is quite a challenge. ROHDE makes it easier for you with this unique model series:

+ Removal from the front is particularly easy
+ The door can be opened safely, easily and very wide even with raku gloves
+ Robust yet very lightweight construction for simple and safe transport
+ The optional castors make it even easier to move the kiln – for example, outside for firing
+ Practical optional drying rack saves space in the workshop

EVERYTHING HAS BEEN THOUGHT OF

The stainless steel-clad raku chamber kiln in durable ROHDE quality is available with or without a raku set. This includes the raku burner with hose connection, pressure regulator, manometer and thermocouple with temperature meter. Optional extras can be found on page 93.



Raku firing is an experience and produces characteristic results.

+ A space-saving drying rack is available as an optional extra

KR series raku chamber kilns

Model		Firing volume	Application temperature	Maximum temperature	Internal dimensions (w × d × h)	External dimensions (W × D × H)	Weight	Power	Burner	Furniture batt	
		Litres	°C	°C	mm	mm	kg	kW	Number	mm	Set no.*
KR	70	70	1100	1150	400 × 450 × 430	700 × 660 × 980	87	30	1	370 × 340	24
KR	150	170	1100	1150	610 × 570 × 510	910 × 770 × 1000	125	30	1	550 × 500	33

* A description of the recommended furniture batt sets can be found on page 113.

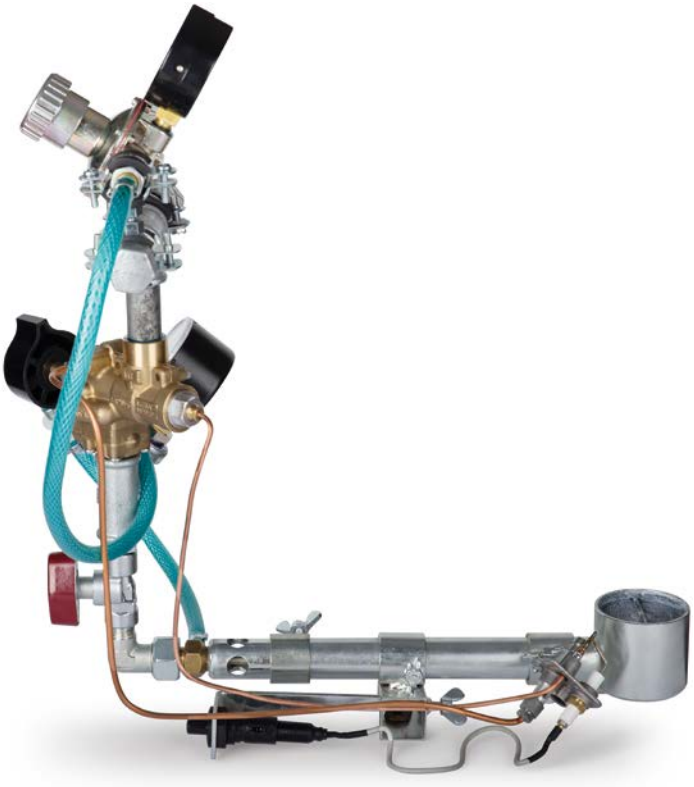
Furniture batt sets are not included in the scope of delivery and must be ordered separately.

GAS BURNER

The heart of a gas kiln is always the burner. ROHDE makes no compromises here with its specially developed models with a focus on durability and quality.

BUTANE/PROPANE POT BURNER

+ Included as standard with all gas kilns
+ For use with liquid gas (LPG) from gas cylinders
+ Medium pressure burner (0.1–1.5 bar) with 20 kW heating capacity
+ With piezo igniter and temperature sensor
+ Manometer and pressure regulator for precise dosing and reproducibility
+ Specially developed for perfect flame formation and very quiet operation



SERVO JET NATURAL GAS BURNER

+ Can be ordered as an alternative for all ROHDE gas kilns
+ For connection to an existing natural gas supply
+ Low pressure burner (up to 25 mbar) with compressed air supply via a small compressor
+ With piezo igniter and temperature sensor
+ One manometer and one pressure regulator for gas and compressed air ensure precise dosing and reproducibility
+ In-house development with extremely stable flame formation

RAKU BURNER

The powerful liquid gas burner heats all ROHDE raku kiln models quickly and energy-efficiently.

BUTANE/PROPANE BURNERS

+ For use with liquid gas (LPG) from gas cylinders
+ Medium pressure burners (0.1–1.5 bar) with 30 kW heating capacity
+ With piezo igniter and stop valve
+ Finely adjustable primary air supply handle on the burner tube
+ Very quiet operation

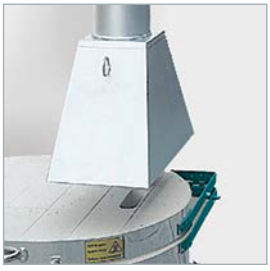
GAS AND RAKU KILNS – ACCESSORIES

Oxygen probe for atmospheric measurement

Oxygen sensor

CO alarm

Robust **castors** with locking brakes



Stainless steel **exhaust hood**

Drying rack for KR series raku kilns

Complete raku kit
(raku burner, pressure regulator, manometer, temperature meter, thermocouple)

IRINA RAZUMOVSKAYA
FIRST PRIZE
WESTERWALDPREIS 2024 CERAMICS OF EUROPE

Photo: Helge Articus, Westerwald Ceramics Museum

AWARD-WINNING CERAMICS

Internationally renowned ceramic artists not only set new aesthetic standards. They also push the boundaries of what is technically possible. ROHDE supports them every step of the way.

> “ **Working with clay** is the language I speak most fluently. ”
>
> Irina Razumovskaya teaches at the Royal College of Art in London

IRINA RAZUMOVSKAYA

Irina Razumovskaya founded her studio in London in 2017 and has been teaching since 2018.

She works with traditional techniques: handcrafting, press moulding and glazing. At the same time, she constantly breaks rules in the manufacturing process, doing what is not “allowed” and thus creating innovative effects.

Touching surface designs illustrate pain and complexity.

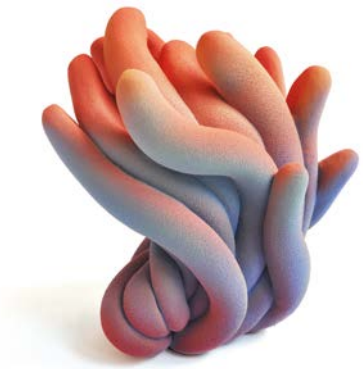
CLAIRE LINDNER
FINALIST
BUISSON N°2
LOEWE FOUNDATION CRAFT PRIZE 2023

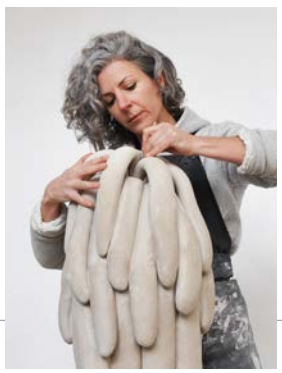
CLAIRE LINDNER

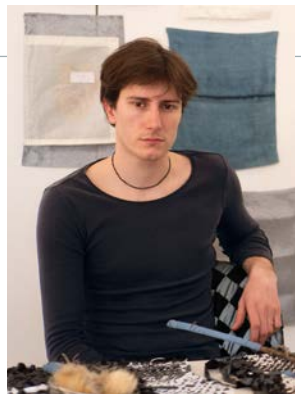
As the child of two ceramicists, Claire grew up with the craft.

Her ceramic sculptures are an expression of vitality – movement, bright colours and surprising textures.

> “ I am interested in the dynamics of living **forms**. The idea of flow, growth, regeneration and vitality guides my search for movement in my **sculptures**. ”
>
> Claire Lindner, Soulatgé, France







NÀTO BOSC-DUCROS
"YOUNG TALENTS"
INTERNATIONAL AWARD FOR YOUNG
CERAMIC ARTISTS, IZNANG
DONATED BY ROHDE

> " I make **wearable sculptures** to carry with me the manufacture, its silence, shadows and lights. "
>
> Nàto Bosc-Ducros, artist, Paris

NÀTO BOSC-DUCROS

Nàto Bosc-Ducros is an artist living and working in Paris. He trained in ceramics in Maine-et-Loire.

In his works, he uses a variety of techniques, drawing on traditional craftsmanship, ceramics, sketching and weaving.

ROHDE **MACHINES AND EQUIPMENT**

Our heart beats for ceramics. That's why we don't just have good ideas about firing. We have also found many areas in the preceding work steps that we wanted to optimise.

Durable quality and well thought-out details support you in the creative process and in production.

HMT 600 – the powerful pottery wheel for workshops and courses

Clay cutters for homogeneous, optimal starting material

Banding wheels – stable base for shaping the workpiece

> “ studio mü is a place where the clocks tick a little slower. I would like to share what I love about **working with clay: Sensitivity, slowness, focus.** ”
>
> Florrie Tegtmeyer (studio mü), ceramicist from Schwarzenbek

HMT 600
POTTERY WHEEL

Pottery wheel for workshops and courses with a well thought-out ergonomic design – meets even the highest demands.

HMT 600

HIGHLIGHTS

+ **Quiet drive with modern pedal control**
+ **Unique seat design for ergonomic working**
+ **Practical storage shelf**

The large, durable aluminium wheel head (ø 340 mm) has a quick-change mount, allowing you to easily attach and remove MDF wooden discs without tools.

PRACTICAL STORAGE SHELF

This perfect storage option for tools and finished workpieces is available on request. The raised side walls are perfect for storing boards for additional workpieces.

ERGONOMIC WORKSTATION

The three legs can be adjusted in height by up to 13 cm by simply turning them, allowing you to set them to the perfect ergonomic position.

Unique in Europe: with the optional seat, the height, seat angle and distance from the table can all be adjusted. And the fixed connection to the table enables a perfect sitting position, even with heavy workpieces – energy-saving, precise and without tilting or slipping.

Perfectly tailored to the pottery wheel and your needs: the ergonomic seat.

The large, easily removable splash pan with overflow protection and drain keeps the workplace clean.

HMT 600

POWERFUL DRIVE

The pleasantly quiet and powerful motor is continuously adjustable in both right and left drive. This is controlled by the perfectly balanced, flat pedal, which you can position on the left or right as desired and simply unplug and put away when not in use.

HMT 600 pottery wheel

Model	External dimensions (W × D × H)	Power	Voltage	Current	Speed	Weight
	mm	W	V	A	rpm	kg
HMT 600	530 × 730 × 550–680	370	230	2.0	0–250	39
HMT 600 with storage tray	700 × 840 × 770–900	370	230	2.0	0–250	45
HMT 600 with seat	530 × 1100–1220 × 550–680	370	230	2.0	0–250	48
HMT 600 with seat and shelf	700 × 1220–1330 × 770–900	370	230	2.0	0–250	54

BANDING WHEELS

All ROHDE banding wheels are characterised by high standards of quality and functionality – the perfect, durable tools for even more satisfaction with the results.

HIGHLIGHTS

+ **High-quality bearings for smooth operation – even after many years**
+ **Heavy steel disc head for high, long-lasting rotational momentum**
+ **Numerous centring grooves for precise workpiece positioning**

BANDING WHEELS

The two models with a diameter of 220 mm are mounted on a hardened steel ball and can be locked in place with a set screw if required. The two larger models run on high-precision, long-life groove ball bearings and can support workpieces weighing up to 100 kg.

BANDING WHEELS FOR STANDING OPERATION

In terms of construction and quality, the four models are unique products in Europe. The heavy, ball-bearing turntable guarantees long and smooth running, but can also be locked. With the continuously adjustable height, you can easily set the ergonomically perfect level for every workpiece. The heavy cast iron base ensures high stability and safe working.

SRS 280

> “ All figures are purely **handmade;** you will find my fingerprint somewhere. ”
>
> Tatyana Krivenko, ceramicist from Leinburg

RSN / RSH / RSSN / RSSH banding wheels

Model		Height	Diameter	Weight
		mm	mm	kg
RSN	220	60	220	3.0
RSH	220	155	220	3.5
RSSN	260	60	260	6.0
RSSH	260	140	260	7.0

SRS / SRS H banding wheels for standing operation

Model		Height	Diameter	Weight
		mm	mm	kg
SRS	220	650 – 950	220	15
SRS	220 H	1000 – 1300	220	16
SRS	280	650 – 950	280	16
SRS	280 H	1000 – 1300	280	17

SPRAY BOOTH SEDIMENTATION TANK

SK 66 SPRAY BOOTH

The vacuum fan powerfully and quietly extracts glaze and paint particles from your workshop – for a healthy and clean working environment. Corrosion-free, durable plastic body. The easy-to-clean filter can be removed without tools.

Optionally equipped with banding wheels and a piece for reduction of the exhaust air hose (ø 150 mm).

AB 100 SEDIMENTATION TANK

The proven large-volume three-compartment system reliably retains clay and glaze residues from the waste water. This prevents the drain pipes from becoming clogged with clay slurry and is good for the environment. Universally compatible connections are already integrated. Four sturdy castors simplify handling.

A cover is available as an option.

SK 66 spray booth

Model	Usable dimensions (W × D × H)	External dimensions (W × D × H)	Fan (volume flow)	Power	Voltage	Weight
	mm	mm	m³/h	W	V	kg
SK 66	660 × 490 × 750	785 × 805 × 1930*	1540	330	230	42

* Including exhaust air socket / connection reducer

AB 100 sedimentation tank

Model	Usable dimensions (W × D × H)	External dimensions (W × D × H)	Weight
	mm	mm	kg
AB 100	430 × 610 × 500	455 × 745 × 550	13

CLAY CUTTER
SLAB ROLLER

TS 20 CLAY CUTTER

This durable, robust device is the perfect mixing aid for returning clay or mixing in additives. The stainless steel mixing barrel can be divided for easier cleaning. Corrosion-free stainless steel blades ensure homogeneous processing of the bodies. The work table with the portion cutter is detachable. The aluminium mouthpiece (ø 80 mm) has threads for attaching extruder dies.

PW 600 SLAB ROLLER

Thanks to its high-quality construction with durable, industrial-grade linen, precise roller slide and large handwheel, you can roll out all ceramic materials up to a thickness of 85 mm effortlessly and with millimetre precision. The table legs are detachable for easier transport, allowing the slab roller to also be used as a tabletop device.

TS 20 clay cutter

Model	External dimensions (W × D × H)	Power	Voltage	Connection	Current	Speed	Weight
	mm	W	V	Plug	A	rpm	kg
TS 20 / 400 V	540 × 1200 × 1070	1100	400	CEE 16 A	3	15	113
TS 20 / 230 V	540 × 1200 × 1070	1100	230	Standard	7	15	113

PW 600 slab roller

Model	Usable dimensions (W × D × H)	External dimensions (W × D × H)	Weight
	mm	mm	kg
PW 600	650 × 850 × 0–85	950 × 1200 × 1250	78

ROHDE **WIKI**

What's next? On the following pages, you will find important and interesting information about getting started, connection and control, operation, maintenance, and our services.

Your dealer and we at ROHDE are available to provide you with advice and assistance. We are happy to answer any questions you may have about our shared passion for ceramics.

ROHDE tutorials

ROHDE heating elements

Furniture batt sets

ANY **QUESTIONS?**

You can find an extensive collection of FAQs on all kiln topics online. Here are a few examples with abbreviated answers.

FAQ **GENERAL**

WHAT DO I NEED TO CONSIDER WHEN INSTALLING THE KILN?

+ Very good ventilation and exhaust gas extraction must be ensured.
+ All building materials and cladding in the surrounding area must be made of flame-retardant material.
+ Allow for sufficient minimum distances to walls and ceilings. Chamber kilns must also be accessible from the rear for changing heating elements.
+ In public facilities (e.g., schools), regional regulations must also be observed.

FAQ **ELECTRICAL**

DO I NEED AN ELECTRICIAN TO CONNECT THE KILN?

+ Most kilns in this catalogue have a power plug that you can easily plug in yourself – depending on the model, there are different plug variants.
+ Kilns with a fixed connection (ELS-S and KE-S with a firing volume of 750 litres or more) must always be connected by a qualified electrician.
+ Do not use an extension cord or multiple plugs. No other appliances may be connected to the same circuit. The cable must not touch the kiln.
+ Before purchasing, have an electrician check the performance of your electrical installation and, if necessary, install a suitable socket.

FAQ **ROHDE CONTROLLER**

MY CONTROLLER IS DISPLAYING AN ERROR. WHAT CAN I DO?

+ You will find the error list in the operating instructions.
+ The symbol “b” in the second position is often mistakenly interpreted as the number “6”. However, it actually refers to the letter “B”.

FAQ **OPERATION / MAINTENANCE**

SMALL CRACKS HAVE FORMED IN THE LINING OF MY KILN. WHAT CAN I DO?

+ Small cracks caused by temperature changes during firing are usually harmless as long as the bricks do not become loose.
+ Reduce the thermal load by always allowing the kiln to cool down before opening it.
+ Mechanical pressure deforms and destroys the bricks. Therefore, never place anything on the lid of a toploader.

Further FAQs can be found on our website: https://www.rohde.eu/en/arts-and-crafts/service/faq. The questions are regularly updated and expanded.

ONLINE **TUTORIALS**

Take a look at our YouTube channel! Here you will find lots of useful information explained quickly and clearly.

+ Supply air and exhaust air at the kiln
+ Exhaust air ducting to protect the kiln
+ Perfect loading of the kiln
+ Drying wet ceramics in the kiln
+ Maintaining furniture batt
+ Loading a toploader kiln
+ Firing chamber extension for toploaders
+ The gas pressure spring on the kiln lid
+ The right location for the kiln
+ Heating elements in the kiln
+ Influence of stainless steel jacket and stainless steel tensioning band
+ Kiln downtime
+ Observing the cooling phase
+ The type plate on ROHDE kilns

You can find the ROHDE tutorials on YouTube: https://www.youtube.com/channel/UCLyXtlvUKDb0Ffla8uiqJdA

“ If you like my **instructional images**, you will also enjoy the **tutorials** by my friend Sabine Erlbacher. ”

Sabine Servos (right), instructional images for potters

ROHDE **HEATING ELEMENTS**

The heating elements are the heart of your kiln. Their performance significantly determines the quality of the firing results.

STRUCTURE OF THE HEATING ELEMENTS

ROHDE heating elements consist of high-quality resistance wire from Kanthal.

To obtain a heating element, the wire is formed into one or more interconnected spiral heating coils, wich are, depending on the area of application, connected to each other by bars.

ROHDE manufactures the heating elements in-house. They are custom-made for each individual kiln model.

AGING OF HEATING ELEMENTS

Heating elements are wear parts that age with each use and gradually lose their performance. Many factors influence wear, such as

+ the number of firings,
+ the maximum firing temperature,
+ aggressive or reducing ingredients in the fired product,
+ the type of firing curve (full load heating curves reduce service life),
+ and premature opening of the kiln.

We therefore recommend always keeping a set of heating elements in stock so that the kiln can be used again quickly when heating elements need to be replaced.

For smaller kilns with relatively few heating elements, we recommend replacing all heating elements for optimum heat distribution and advise against mixing new heating elements with older ones.

All information for ordering heating elements and other spare parts can be found here:

Price list for spare parts:
https://www.rohde.eu/en/arts-and-crafts/service/catalogues

ROHDE **FILLING MATERIAL SETS**

ROHDE also focuses on quality when it comes to filling material.
Recognised brand-name products guarantee a safe and stable structure.

+ Furniture batt **Cordirex 128** (suitable up to 1300 °C)*
+ Includes robust **Multirex 2** hollow support sets (3 pieces each in 25, 50, 75 and 100 mm)
+ Exclusive use of high-quality brand-name products from STEULER-KCH
+ Precise and high-quality workmanship

Filling material sets

Set no.	Levels	Plates per level	Plates per set	Plate dimensions	Panel thickness	Hollow support sets	Weight per filling material set
				mm	mm		kg
0	2	1	2	ø 290	9	1	4
1	2	1	2	ø 350	10	1	5
2	4	1	4	ø 410	12	3	17
3	4	1	4	ø 470	15	3	23
4	4	1	4	ø 540	18	3	38
5	4	2	8	Cut to size	18	6	58
5.1	4	2	8	Cut to size	18	6	68
5.2	4	2	8	Cut to size	18	6	68
6	2	1	2	420 × 390	15	1	11
7	3	1	3	440 × 400	15	2	18
8	4	1	4	600 × 400	18	3	40
9	4	1	4	500 × 450	18	3	50
10	4	2	8	550 × 340	18	6	64
11	5	2	10	600 × 360	18	6	89
15	2	1	2	400 × 370	15	1	10
16	3	1	3	420 × 400	15	2	17
17	4	1	4	560 × 400	18	3	38
18	4	1	4	560 × 480	18	3	46
19	4	1	4	600 × 500	18	6	54
20	5	2	10	580 × 350	18	6	84
21	5	4	20	370 × 340	14	8	79
22	5	4	20	480 × 330	15	8	101
23	6	4	24	470 × 435	18	10	202
24	2	1	2	370 × 340	14	1	11
25	3	1	3	370 × 340	14	3	11.5
26	4	2	8	500 × 400	15	6	31
27	4	2	8	600 × 500	18	6	54
28	5	2	10	Cut to size	18	6	71
29	5	2	10	560 × 380	18	8	101
30	5	4	20	400 × 400	18	10	105
31	6	4	24	480 × 400	18	10	145
32	2	1	2	ø 540	18	3	21
33	2	1	2	550 × 500	18	3	25
34	2	1	2	330 × 330	14	1	11
35	2	1	2	360 × 360	15	1	10
38	2	1	2	300 × 300	14	1	9

* Even more heat-resistant furniture batting available on request (custom-made).

ROHDE SERVICE

Personal service is a top priority at ROHDE. Whatever you need or whatever your requirements, give us a call or send an email to info@rohde.eu.

DELIVERY AND SET-UP SERVICE

The kiln is delivered, transported and installed by trained specialists. Detailed instruction on the functions of the kiln and the controller are naturally included in the service.

WARRANTY

ROHDE provides a three-year warranty (excluding heating elements) on almost all ROHDE kilns, including thermocouples. Should service be required, ROHDE and your specialist retailer will be there for you.

SPARE PARTS SERVICE

ROHDE guarantees an unlimited supply of spare parts. Spare parts are usually dispatched within one working day of receipt of order.

RECYCLING

ROHDE has always used environmentally friendly materials. ROHDE therefore guarantees to take back every ROHDE product for recycling of reusable parts or for environmentally friendly disposal.

ROHDE®
Brennöfen und Maschinen für Keramik, Glas und Metall

Modell/Model:	SN:	Baujahr/Y.O.M.:
TE 95 S /sp BH	**# 81053**	**2025**
Spannung/Voltage: **1/N/PE AC 230 V**	Strom/Current: **31 A**	Leistung/Power: **7,3 kW**
Maximale Betriebstemperatur/ Maximum operating temperature: **1320 °C**		Frequenz: **50 Hz**

Helmut ROHDE GmbH
Ried 9
D - 83134 Prutting

Important for ordering spare parts: The model and serial number can be found on the type plate.

Further information: https://www.rohde.eu/en/arts-and-crafts/service

Photo: Wei Ling Khor

Enjoy your **results.**












Photo: Wei Ling Khor

We reserve the right to make technical changes and dimensional deviations in the course of further development. 70002659

ROHDE

Your ROHDE specialist retailer

Helmut ROHDE GmbH
Ried 9
83134 Prutting
Germany
Phone +49 8036 674976-10
info@rohde.eu
www.rohde.eu