



ROHDE ST 612

Type	1 zone control
Range of application	Ceramics, Laboratory, Heat treatment, Fusing
Memory	32 programs
Supported W-Lan frequency (WIFI)	2,4 GHz

Technical data

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Range of application	Ceramics, Laboratory, Heat treatment, Fusing
Memory	32 programs
Supported W-Lan frequency (WIFI)	2,4 GHz
Segments	32 segments
Switch outputs	2 switch outputs
Ext. dimensions (W x D x H)	100 x 210 mm
Weight	750 g

Besondere Merkmale



Connectivity with the ROHDE myKiln App

This Wi-Fi-enabled control system can be connected to the ROHDE myKiln app.



SolarReady—optimised consumption of your own solar power

The optional “hysteresis” configuration optimises the number of switching cycles for kiln heating, resulting in better use of the internal power sources and reduced load on the battery storage.



Displays the program section

The simple display of the firing curve on the controller conveniently helps to track the firing.



Easy input of the program sections

The control system allows effortless entry of program sections during both heating and cooling.



Heating or cooling ramp

2 controlled heating ramps, 1 hold time and 1 controlled cooling ramp are available per programme number.



Program changes during the firing

The control system is characterised by its ability to make programme changes to programme steps that have not yet been completed during a fire.



Program pause/advance

The pause key can be used to pause the current program. I.e. the controller keeps the current temperature during the pause. The advance key can be used to switch from one heating ramp or segment to the next heating ramp or segment.



Continuation of a firing after a power failure

After a power failure, problem-free resumption of the firing is guaranteed.



USB port

Offline firing data recording and evaluation via ROHDEgraph is possible via the USB interface



Evaluating with ROHDEgraph

ROHDEgraph is a piece of software for visualising and archiving firing curves. During firing, the firing data can be automatically written to a USB flash drive by the ROHDE ST series controllers (e.g. ST 310, ST 411, ST 630 or ST 632).



Setpoint value display

During firing, the current setpoint can be displayed. The respective current setpoint is also stored in the archive files in ROHDEgraph and the ROHDE myKiln App.



Temperature indication in °C or °F

Whether Celsius or Fahrenheit, you get accurate temperature readings in the format you want.



Energy used display

During a fire, the current energy consumption can be read, as well as the total energy consumption of the fire, of the connected kiln, at the end of the fire.



Protection against over-temperature

If the kiln temperature exceeds a certain tolerance range, the kiln switches off.



Firing chamber monitoring

The ST controllers have firing chamber monitoring. The firing is interrupted if the room temperature where the kiln is installed exceeds 50 °C.



Lockable keypad

A key lock provides security to prevent set data from being altered.



Alarm buzzer

An alarm buzzer signals an fault.



Error messages

Errors in the process are indicated with codes on the device.