



### Chamber Furnace KU 15/65

⊕	Volume	15 litres
⊙	Int. dimensions (w x d x h)	300 x 350 x 150 mm
⊖	Power	2.4 kW

## Technical data

### ☰ Overview

Product group	Kiln
Design	Chamber Furnace
Type	KU series

### ⏻ Energy

Energy type	Electrical
Power	2.4 kW
Supply	11, 5 A
Voltage	1/N/PE 230V AC
Connection	Schuko connector

### ⊕ Dimensions

Volume	15 litres
Int. dimensions (w x d x h)	300 x 350 x 150 mm
Ext. dimensions (W x D x H)	505 x 890 x 445 mm
Weight	75 kg

### ☆ Equipment

Insulation	2-layer, 100 mm
Heating	2-side
Heating elements	Tubular heating elements
Control	Jumo dTron

## Besondere Merkmale

### **Torsion-resistant welded steel housing**

The housing consists of a torsion-resistant welded construction. Each furnace is manufactured by hand and leaves the factory after undergoing extensive quality controls.

### **Durable textured paint finish**

The high-quality light-grey RAL 7035 textured coating protects the furnace body and steel construction.

### **Air circulation allows for high temperature uniformity**

ROHDE-designed air circulating fans are decoupled from the drive motor and are quiet, durable and above all easy to service.

### **Robust swing door allows for safe opening**

The convenient operation of the swing door allows easy opening of the furnace. The solid door handle ensures smooth operating procedures even when opening the hot furnace while the process is running.

### **Flexible door sealing allows for thorough door closing**

A flexible insulating cord ensures a seal between the door and the furnace opening. Minor unevenness can be corrected and the door can be closed flush with the furnace.

### **Efficient 2-layer insulation structure**

A sophisticated 2-layer insulation structure allows for required temperatures to be achieved using less energy. The insulation consists of two layers of fibers with 40 and 25mm thickness and thus achieves high energy efficiency even in continuous use.

### **Easy-to-maintain switchgear mounted in a connection box**

The switchgear is mounted in a stainless steel connection box and can be easily maintained and accessed.

### **Low-wear contactors for control**

The furnace is controlled by low-wear, durable contactors.

### **Precise temperature measurement with “Type K” thermocouple**

The installed NiCrNi thermocouple (type K) is protected against damage and guarantees exact temperature measurement at all times.

### **The “Schuko” connector allows for easy connection**

The standardised Schuko connector allows for easy connection and quick and safe start-up.

### **Components from well-known manufacturers contribute to long service life**

We only obtain our electric components from well-known manufacturers (e.g. SIEMENS, MOELLER, WEIDMÜLLER, RITTAL).

### **Furnace construction in accordance with DIN EN 746-1**

The unit is constructed and manufactured in accordance with DIN EN 746-1 Industrial Thermoprocessing Equipment.

### **Switchgear design in accordance with DIN EN 60519**

The switchgear is designed in accordance with DIN EN 60519 Safety in Installations for Electroheating.

### **2-year warranty despite intense use**

We deliberately refuse to reduce the warranty period despite commercial furnaces being used intensely except parts that are subject to wear.