

CE

Operating manual

Drying oven TRUS 160 KT

SP 201 106

Machine No. 11731

Year of production 2011

Specification TRUS 160KT / 1238783

Important

The relevant sections of this operating manual contains specific precautionary action which concern the safety of the operating personnel. The instructions given in this manual must be read thoroughly and followed to the letter.

Technical data

Type	TRUS 160 KT
Specification	1238783
Operating temperature	160 °C
Mains voltage	3 x 400 V 3-phase/PE, 50 Hz
Control voltage	230 V, via transformer
Heat rating	19,5 kW consist of: 12 kW base board + 7,5 kW addition board
Blower motor rating	1,1 kW
Total connection rating	20,6 kW 31 A
Circuit diagram	SP 201 106
Wording	german / english
Temperature controller	PMA Industrierregler KS 50 1 Range: 0 - 180°C Measured value sensor: PT 100
Excess temperature guard	Thermostat Range: 60 - 200°C In the event of an excess temperature the heating system is shut down and an optical signal given.
Timerelay working cycle	Type 88226 12h Range: 6m, 60m, 12h To be adjusted to the requested time of drying
Power circuit	Solid State Relay
Permanent noise level	< 70 dB(A) Measurement point in front of the dryer: 1 m distance from the control box, at a height of 1.6 m from the floor

Technical data (continued)

Thermal safety	Class 2 in accordance with IEC 519-2, Section 13.4
External boiler	Steel plate nickeled 1640 mm wide + 220 mm for control box 1990 mm high + 300 mm for motor 1150 mm deep
External boiler coating	Pepple grey
Door coating	RAL 5010 gentian blue - structure
Internal boiler	Steel plate nickeled 1100 mm wide, 850mm deep, 1600mm high Bottom with rails for carry in of charging transporter
Door	2 with silicon seal
Ramp	2 (supplied loose)
Air-guide	horizontal adjustable shutters on the air injected side to optimize the temperature subsequently
Air controller	Adjustable fresh air, circulating air and waste air slide
Fresh air supply tube	Ø 130 mm furnished with sieve netting
Flue	Ø 130 mm
Insulation	On all sides, 100 mm
Weight	580 kg