



HEATER1600-BASIC-500V [↗](#)

Induction heating device

HEATER basic

Technical information



Your current product variant

Series	BASIC	Base version
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Technical data

U	500 V	Operating voltage
f	50 – 60 Hz	Power frequency
P	40 kVA	Power consumption
I	80 A	Current rating
$\vartheta_{h \text{ max}}$	240 °C	Max. heating temperature
	0 – 99 min	Heating time
	Digital	Display
	1	Magnetic probe, quantity
$\approx m$	920 kg	Weight



Functions

+	Temperature hold
+	Automatic demagnetization, <2A/cm
—	Swivel arm
—	Log function
—	Delta-T control
+	Temperature control
+	Time control
—	Temperature and time control
—	Temperature and speed control
+	Overheating protection
+	Automatic power reduction
+	Device supports horizontal / lying heating of the workpiece
—	Device supports vertical / hanging heating of the workpiece

Dimensions

	1.520 mm	Length HEATER
	750 mm	Width HEATER
	1.415 mm	Height HEATER
B	710 mm	Space between poles
C	780 mm	Pole length

Workpiece to be heated

	215 mm	Min. inner diameter workpiece, horizontal heating: with included yoke
	85 mm	Min. inner diameter workpiece, horizontal heating: with optional yoke
ØA max	1.700 mm	Max. outer diameter workpiece
	700 mm	Max. workpiece width, horizontal heating
^m b max	1.600 kg	Max. workpiece weight



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Additional information

1	Yokes included, quantity
150x150	Yokes included, cross section (mm ²)