



HEATER100-SMART-230V [↗](#)

Induction heating device

HEATER smart

Technical information



Your current product variant

Series	SMART	Extended functionality
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Technical data

U	230 V	Operating voltage
f	50 – 60 Hz	Power frequency
P	3,7 kVA	Power consumption
I	16 A	Current rating
$\vartheta_{h \max}$	240 °C	Max. heating temperature
	0 – 99 min	Heating time
	Touch	Display
	2	Magnetic probe, quantity
≈m	36,6 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
only in temp. and speed mode	Automatic power reduction
+	Device supports horizontal / lying heating of the workpiece
+	Device supports vertical / hanging heating of the workpiece

Dimensions

	702 mm	Length HEATER
	256 mm	Width HEATER
	392 mm	Height HEATER
B	180 mm	Space between poles
C	185 mm	Pole length
D	50x50	Pole cross section (mm ²)



Workpiece to be heated

	30 mm	Min. inner diameter workpiece, vertical heating: with included yoke
	15 mm	Min. inner diameter workpiece, vertical heating: with optional yoke
	72 mm	Min. inner diameter workpiece, horizontal heating
ØA max	500 mm	Max. outer diameter workpiece
	175 mm	Max. workpiece width, vertical heating
	180 mm	Max. workpiece width, horizontal heating
m b max	100 kg	Max. workpiece weight

Additional information

	2	Yokes included, quantity
	20x20, 50x50	Yokes included, cross section (mm ²)