



HEATER1600-SMART-450V [↗](#)

Induction heating device

HEATER smart

Technical information



Your current product variant

Series	SMART	Extended functionality
--------	-------	------------------------

Technical data

U	450 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
	Touch	Display
	2	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
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

	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



View product details on medias

13.06.2026, 05:00:31 UTC

SCHAEFFLER

Additional information

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