

Induction Heating

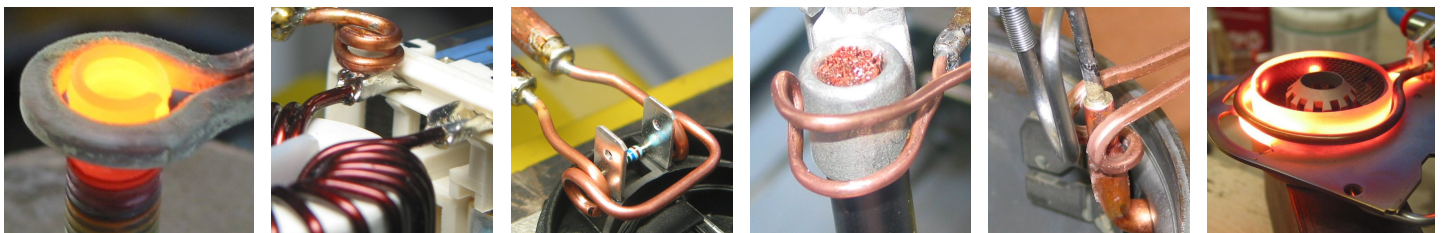
High Frequency Induktive Inverters



HF-Inductive Inverter HFL-02

Conception and system-integration for semi- and full automated process sequences

brazing / soldering
sealing
annealing
hardening
tempering
melting / casting
shrinking



HF-Inductive Inverter serie HFL - 02

- compact inductive inverter with one or two free moveable HF - work stations (alterately working)
- integrated control panel for two work stations
- efficiency up to 90 %
- fully transistor technology
- no high voltage
- power control 10 - 100 %, separately adjustable
- switch for operation mode (manual, timer and delay mode)
- two timers for heating time
- selection switch for gas protection or cooling mode
- signal for solder/brazing wire feeder (in combination with temperature sensor)
- prepared for connecting optical temperature sensors

Optional:

- optical temperature sensors
- adjustable supports
- protection gas valves and flow controllers
- solder/brazing wire feeders
- batching plants for solder/brazing solder
- exhauster for soldering/brazing smoke
- water chiller
- complete automated work station

technical data:	HFL-02	HFL-02/5	HFL-S/10	
HF output power:	2000 W (100%ED)	5000 W (100%ED)	10000 W (100%ED)	Inductive Inverters up to 80 kW capacity deliverabel
frequency:	250-500 kHz / 650 - 950 kHz	250-500 kHz / 650 - 950 kHz	250-500 kHz / 650 - 950 kHz	
mains:	230 V / 50 Hz / 16 A	3 x 400 V / 50 Hz / 16 A	3 x 400 V / 50 Hz / 16 A	
water consumption:	4l / min (3 bar)	6l / min (4 bar)	6l / min (4 bar)	
dimensions inductive inverter	350 x 160 x 300 mm, 13 kg	390 x 270 x 370 mm, 22,5 kg	400 x 280 x 320 mm, 33 kg	
dimensions external circuit:	62 x 82 x 82 mm, 2 kg	62 x 82 x 115 mm, 3 kg	120 x 140 x 240 mm, 7 kg	

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