

SERIES HU

HU 2000+

CONVERTERS FOR INDUCTIVE HEATING

High-frequency converters
2 kW / 0,25 - 1,0 MHz



HIMMELWERK
Leading Induction

Advantages

- High efficiency
- High reliability
- Reproductivity of all parameters
- Selective heating
- Designed for 100% duty cycle
- Easy integration in production processes
- Immediate readiness
- High cost effectiveness
- No need for demineralized cooling water

Flexibility

- Large spectrum of applications
- Free programming
- External heating head with compact design
- Optional second switchable heating head
- Connection with flexible cables
- Interface for external control
- Profibus, Profinet optional
- Other interface options on request
- Optional connection with pyrometer

Technical Data

Output

HF-Power	2,0 kW
Frequency	0,25 - 0,55 / 0,55 - 1,0 MHz

Input

Mains voltage*	230V +/- 10% +PE
Frequency	50 / 60 Hz
Mains power	2,1 kVA

Cooling water

Flow rate	2 - 3 l/min
Input pressure	< 6 bar
Pressure difference	> 3,5 bar
Temperature	18 - 25 ° C

Dimensions (WxHxD) in mm

Converter	350 x 160 x 300
Outer circuit	62 x 82 x 82
Weight	Converter: 13 kg Outer circuit: 2 kg

* Other voltages available on request

Applications

- Brazing and Soldering
- Hardening / Tempering
- Joining
- Forging
- Pre-Heating
- Annealing
- Sealing
- Smelting
- Drying
- Baking
- Recycling
- Special Solutions

