

# SERIES HU

# HU 5000+

## CONVERTERS FOR INDUCTIVE HEATING

High-frequency converters  
5 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	5,0 kW
Frequency	0,25 - 0,55 / 0,55 - 1,0 MHz
Input	
Mains voltage*	3 x 400 V +/- 10% +PE
Frequency	50 / 60 Hz
Mains Power	5,3 kVA
Cooling water	
Flow rate	3 - 4 l/min
Input pressure	< 6 bar
Pressure difference	> 3,5 bar
Temperature	18 - 25 ° C
Dimensions (WxHxD) in mm	
Converter	350 x 260 x 300
Outer circuit	62 x 82 x 115
Weight	Converter: 18 kg Outer circuit: 2,5 kg

\* Other voltages available on request

# Applications

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

