

# SERIES MU

# MU R10

## CONVERTERS FOR INDUCTIVE HEATING

Mid-frequency converters  
10 kW / 20 - 100 kHz



**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

## Applications

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

## Technical Data

### Output

HF-Power	10 kW
Frequency	20 kHz - 100 kHz

### Input

Mains voltage*	3 x 400 V +/- 10% +PE
Frequency	50 / 60 Hz
Mains Power	11 kVA

### Cooling water

Flow rate	4 - 8 l/min
Input pressure	< 6 bar
Pressure difference	> 3,5 bar
Temperature	18 - 25 ° C

### Dimensions (WxHxD) in mm

Converter	380 x 300 x 320
Outer circuit	180 x 180 x 380
Weight	Converter: 30 Kg Outer circuit: 12 Kg

\* Other voltages available on request

