

**Product Groupe:****Type:**

Rev:

Order No.:

<http://www.weldotherm.com>**Heat treatment unit****WR 10,5**

04-2025

103100



The inverter WR10,5 heat treatment unit is extremely compact and therefore a very flexible one channel heat treatment unit.

Due to the light weight of 18 kg, it is ideal to carry out work in confined workplaces.

The maximum output voltage is adjustable from 24V...65V. This allows the connection of heating elements with standard voltages or custom-built heating elements with intermediate voltages.

The integrated program controller stores 49 programs, each containing 49 segments.

An integrated data logger records all relevant data.

Technical data

Number of heating channels	1
Output Voltage	Automatic operation: 24...65VDC (adjustable in 1V- steps) Manual operation: 24...65VDC (adjustable in 1V- steps)
Output Current	Max. 180A at 60VDC Max. 160A at 65VDC
Power output	max. 10,8 kVA
Number of thermocouple inputs	1 x Thermocouple Type K
Program controller / Operation	1 integrated / 6 buttons on the front
Number of stored programs	a total of 49 programs 0 (Manual), 1 (Easy Prog), 2...49 with each 49 segments
Display	3 x 4-digit display of SV, PV and parameter 6 x LED, status, alarms
Measuring range / control range	-40...1350°C / -25...1200°C
Accuracy:	± 0.3% of measuring range ± 1 Digit
Integrated Data- logger	Set-point value, process value, output voltage, output current, status
Power switch / Connection cable length	On the backside / 3m
Mains voltage	3PE, 400V, 50/60Hz, 18A
Absicherung intern / extern	25A / 32A
Dimensions (H x W x D) / Weight	410 x 170 x 500 mm / 18,2 kg
Environmental conditions	-20...40°C
Protection	IP20
Accessories	CD with user guide and software for transferring data to PC, Adapter- cable WR10,5 ⇔ USB interface