



HEATMASTERS®

the wizards of metal

INVERTER-BASED MANUAL AND SEMI-AUTOMATIC HEATING UNIT

HM35 INU

The HM35 INU combines power, precision, and portability in one compact unit.

Designed for both induction and resistance heating, it delivers reliable performance for preheating, PWHT, shrink-fitting, and other applications.

Featuring Heatmasters' control system, the HM35 INU ensures accurate temperature adjustment, fast heating, and easy operation — whether in the workshop or on-site.

Lightweight, versatile, and built to last.



CONTACT US

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BENEFITS



Fast and Efficient Heating Process

Thanks to its powerful inverter-based induction technology, the HM35 INU provides rapid heating with smooth temperature curves. The system minimizes energy losses and ensures uniform heat distribution, allowing operators to complete tasks faster and with improved reliability.



Precise Temperature Control

The Heatmasters control system makes operation straightforward. Choose between stepless manual or semi-automatic power adjustment for precise heating control. Temperature is monitored directly from the workpiece surface, ensuring accuracy and consistency throughout the process.



Compact and Lightweight Design

Weighing only 13,5 kg and built for mobility, the HM35 INU is easy to handle, carry, and position directly at the worksite. Its compact form factor makes it ideal for field conditions and confined spaces without compromising performance. The unit's robust casing ensures protection during transport and operation.



Versatile and Multipurpose Performance

Designed for both induction and resistance heating, the HM35 INU adapts to a variety of industrial applications including preheating, PWHT, and shrink-fitting. Whether used alone or paired with another unit, it offers dependable results for pipes, joints, and components of different sizes and materials.

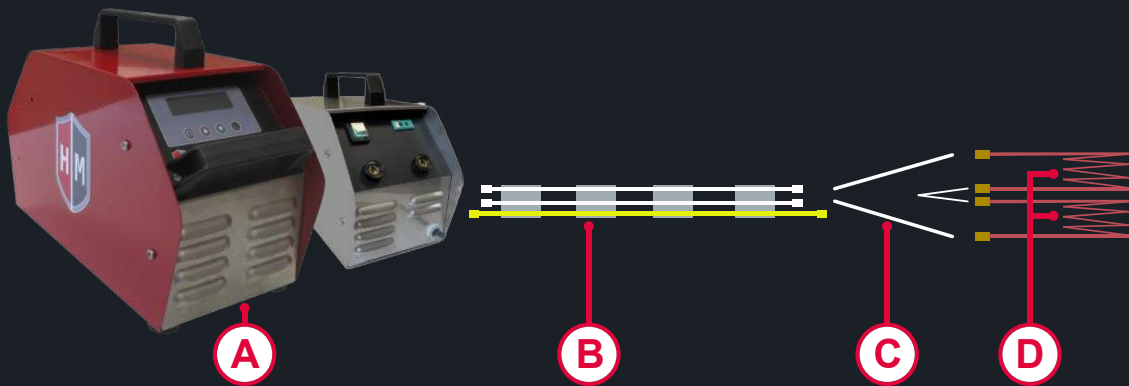


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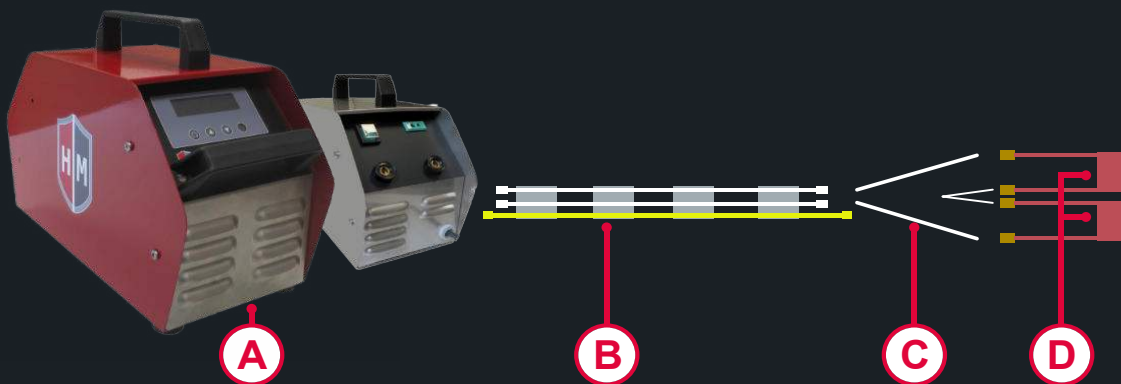
STANDARD INDUCTION EQUIPMENT

Part	Qty		
A	1	1000520	HM35 heating unit
B	1	1101002	Secondary set 2,5, L=2,5m
C	1	1102502	Jumper cable 0,5, L=0,5m
D	2	14005XX	Induction coil (size to be specified)



STANDARD RESISTANCE EQUIPMENT

Part	Qty		
A	1	1000520	HM35 heating unit
B	1	1101002	Secondary set 2,5, L=2,5m
C	1	1102502	Jumper cable 0,5, L=0,5m
D	2	20011xx	VHVP type, half size heating mat



TECHNICAL DATA

Model	HM35 INU
Connection voltage	230 V / 1-phase / 50 Hz
Heating power	4 kVA (power factor $\lambda = 0.99$)
Fuse	16 A (nominal), max 20 A
Secondary Voltage	Induction: 5–50 V / Resistance: 5–65 V
Secondary Current	Induction: 62 A / Resistance: 46 A
Heating Channels	1
Additional Outputs	2 x 230V, 10A
Heating Elements	Induction coil (max 10 m / 33 ft) or resistance heating mat (max 3.45 kW); frequency 20–25 kHz (induction) / 16–20 kHz (resistance).
Temperature Range	max. 750 °C / 1380 °F, induction heating max. 1050 °C / 1920 °F, resistance heating
Control System	Heatmasters manual or semi-automatic controller
Alarm system	Signal lights
Dimensions	
Length	mm 420 / 16.5 in
Width	mm 180 / 7.1 in
Height	mm 280 / 11.0 in
Weight	kg 13,5 / 29.8 lb



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