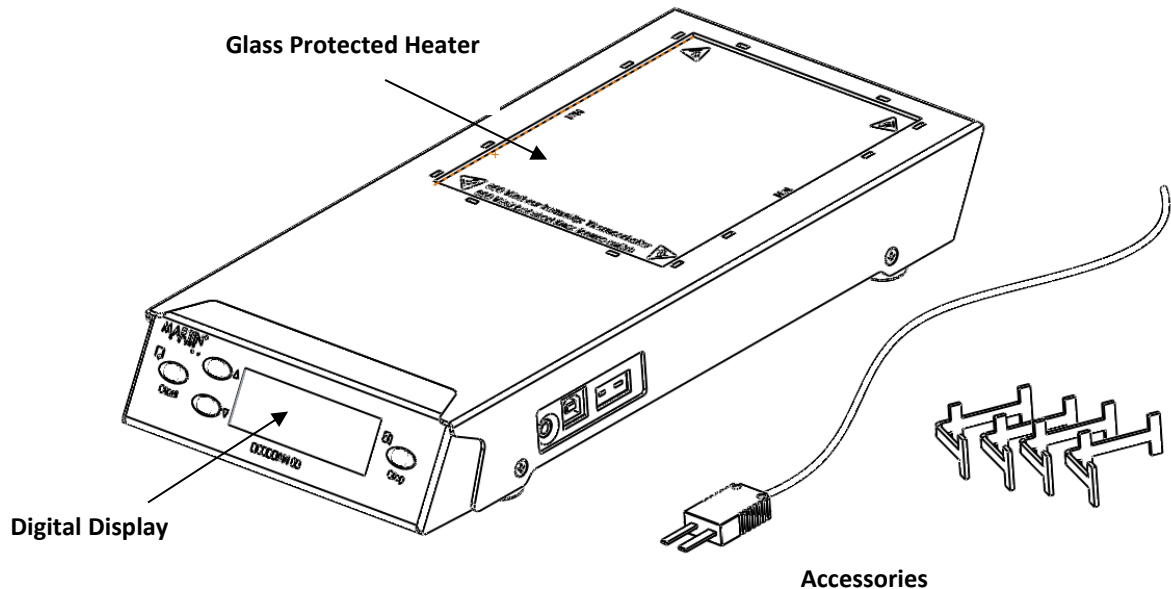


HOTBEAM 04



HB00.0050 HOTBEAM 04 (230V)
 HB00.0051 HOTBEAM 04 (115V)

The HOTBEAM 04 is an extremely compact and flat designed under heater. Powered by infrared technology, a versatile 105 x 130mm² heating area is provided. The HOTBEAM 04 heating area is protected by a glass cover and therefore very robust and easy to clean. It is proven, serving a variety of electronic and industrial applications worldwide.

Using the intuitive menu on the large digital display, all operating modes (Constant Power, Constant Temperature and Profile) can be easily operated. The Auto-Profiler feature of the software determines required device settings automatically to attain desired PCB temperature. The settings can be stored in up to 50 recipes. All recipes run the under heater without need to continuously attach thermocouples to PCB. The innovative heat management system guarantees highest process repeatability.

The independently switchable IR lamps are protected by an IR glass. This makes cleaning of the hot area from flux for electronic components easy and simple. HOTBEAM 04 can be configured that external devices becomes active when heating process starts. Alternatively the device may start upon a command from external system i.e. PLC or foot pedal. Using EASYBEAM, the PC Software, profile data can be recoded from the device and saved on PC via USB communication.

Features





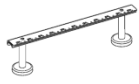





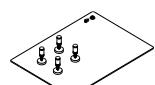
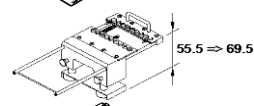
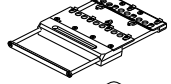
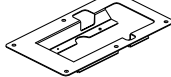
- Under Heater HOTBEAM 04.1
- 4x PCB Support Brackets
- 1x Temperature Sensor (Typ K)
- Manual

Technical Data




Total Power Requirement:	600 VA
Power Underheater:	500 W, 4 x IR-Lamps
Size Heating Area:	105 x 130 mm ²
Recommended PCB Size:	Up to 130 x 150 mm ²
Temperature Range:	50°C-250°C, 1°C Steps
Mains:	1 Phase, 85-250VAC, 50-60Hz
Cooling:	Electrically, 2 x fans
System Dimensions :	150 x 300x40 mm ³
Weight:	800g

HOTBEAM 04

Optional Extras

SF03.0001	PCB magnet holder h=20mm for installation set HB 03/04/05	
SF03.0002	PCB magnet holder h=55.5mm for HB 03/04, Handy Fix	
SF03.0012	PCB magnet holder Easy Lock h=55.5mm (snap) for HB 03/04, Handy Fix	
SF03.0005	PCB magnet holder adjustable H=55.5=>69.5mm, for HB 03/04, Handy Fix	
SF03.0011	PCB support rail for HB03/04 Handy Fix, h=55,5mm, l=223mm	
SF03.0013	PCB support rail, h=20mm, l=223mm for installation set HB 03/04/05	
SF33.0014	PCB magnet holder rail for HB03/04, h=55,5mm, l=300mm	
SF33.0015	PCB magnet holder rail, h=20mm, l=300mm for installation set HB03/04/05	
SF01.0100	PCB clip for large pcbs onto IRF handrest	
HF00.0018	Handy Fix 03/05/06 - Base Plate only 280*380mm	
HF00.0003	Handy Fix 03 Base plate 280*380mm, 4x magnet holder h=55.5mm	
SF04.0020	PCB clamping holder with 3 fingers adjustable h=55.5=>69.5mm, for HB 03/04, Handy Fix	
SF03.0018	PCB clamping holder with 3 fingers for installation set HB 03/04/05, h=20mm	
HB00.1005	Table mount (flush mount) HOTBEAM 04 Installation set incl. cover panel	

Consumables

HT00.0009	Flux Pen lead free 0405 C, no clean, RELO	
HT00.0119	Flux Creme lead free 18g 0506 MA, no clean, RELO, with brush	
HT00.0062	Kapton tape 19mm*5.5m	
HT00.0013	Sensor for temperature for HTM/DBL/HA/HB/IRF, K type, 2 pin, 1.3 m	

Further units and consumables under www.martin-smt.de