

## Mainframe HM8001-2



The Mainframe is supplied without the Modules shown in the Illustration

HM8001-2

### Modular System



HM8001-2 Mainframes  
can be stacked up to  
5 Units high



- Basic Unit for Modules of the Modular System Series 8000
- Power Supply for 2 Modules
- DC Voltages electronically regulated, floating and short-circuit proof
- Power Transformer with thermal Fuse
- Up to 5 Mainframes can be stacked
- Module HM800 for customized Instrument Construction available
- 4 BNC Connectors on the Rear Panel of the HM8001-2 (Option H0801) allow Signal Transmission to or from HM8021-4 and HM8030-6 Modules

Option H0801 – 4 BNC  
Connectors on Rear Panel



## Mainframe HM8001-2

All data valid at 23 °C after 30 minutes warm-up.

### General information

Mainframe with power supply accommodates 2 modules

### Power supply module

Details of available supply

**voltages and load capability:** refer to manual HM8001 ([www.hameg.com](http://www.hameg.com))

2 x 8V<sub>dc</sub> max. 0.4A each

2 x 5V<sub>dc</sub> max. 1A each

4 x 20V<sub>dc</sub> max. 0.5A each

Voltages between 5V and 20V are programmable from each module  
(Polarity selectable)

**Available output power:** each module max. 25W  
All DC voltages are electronically stabilized,  
floating and short-circuit proof. Current  
output of 2 HM8040-3 with HM8001-2:  
sum of all Channels <2A

### Miscellaneous

Power switch (ON/OFF) located between the two modules on the front panel.

**Safety class:** Safety Class I (EN61010-1)

**Power supply:** 115/230V- (50...60 Hz), CAT II

Max. permissible  
line fluctuation ±10%

**Power consumption:** max. 110W (with overload protection)

**Operating temperature:** +5...+40 °C

**Storage temperature:** -20...+70 °C

**Rel. humidity:** 5...80% (non condensing)

**Dimensions (W x H x D):** 285 x 75 x 365 mm

**Weight:** approx. 4 kg

**Accessories supplied:** Line cord, Operating manual

**Recommended accessories:**

H0801 4 BNC connectors

HZ42 19" Rackmount kit 2RU

HZ809 Test Adapter