

## Main frame HM8001-2



The mainframe is supplied without the modules shown in the illustration

Basic unit for modules of the Modular System Series 8000

Modular system



HM8001-2 mainframes can be stacked up to 5 units high



Option H0801 – 4 BNC connectors on rear panel



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) provide for signal transmission to or from  
HM8021 and HM8030-6 modules

## Mainframe HM8001-2

Valid at 23 °C after a 30 minute warm-up period

### General information

Mainframe with power supply accommodates 2 modules

### Power supply module

2 x 8 V~ max. 0.5 A each

2 x 5 V = max. 1 A each

4 x 20 V = max. 0.5 A each

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

**Available output power:** Max. 36 Watt available for two modules.  
All DC voltages are electronically stabilized,  
floating and short-circuit proof.

### Miscellaneous

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

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

**Power supply:** 115/230 V~ (50/60 Hz)

Max. permissible line fluctuation: ± 10 %

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

**Operating temperature:** 0° C to + 40° C

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

**Weight:** approx. 4 kg

**Color:** techno-brown

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