

# HM8001-2

## Main frame

### Technical Data



#### Key facts

- Basic unit for modules from the Modular System Series 8000
- Power supply for two 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 HO801) provide for signal transmission to or from HM8021-4 and HM8030-6 modules

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## Main frame

### HM8001-2

Valid at 23 degrees C after a 30 minute warm-up

#### General

Mainframe with power supply accommodates any 2 modules. 4 BNC connectors on rear panel for external interconnection to each module compartment (Option HO801)

#### Module Supply Voltages

2 x 8 V <sub>AC</sub>	max. 0.5A each
2 x 5 V <sub>DC</sub>	max. 1A each
4 x 20 V <sub>DC</sub>	max. 0.5A each
Voltages:	between 5 V and 20 V are programmable from each module
Polarity:	optional
Power consumption per module:	max. 25 Watt
All DC voltages are electronically stabilized, floating and short circuit proof.	
AC test voltage to chassis:	500 V

#### Miscellaneous

Power switch on front panel between the two modules.	
Protective system:	Safety class I (EN61010-1)
Line voltage:	115/230 V at 50 - 60 Hz
Power consumption:	max. 110 Watt
Operating temperature:	+5°C . . . +40°C
Storage temperature:	-20°C . . . +70°C
Max. relative humidity:	5% . . . 80% (without condensation)
Size (W x H x D):	285 x 75 x 365 mm
Weight:	approx. 4 kg

#### Included in delivery:

Mainframe HM8001-2, Operator's manual, line cord

#### Optional Accessories:

HO801 BNC connectors  
HZ42 19" Rackmount kit 2RU  
HZ809 Test Adapte