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Test & Measurement

- sales
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- calibration
- repair
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Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

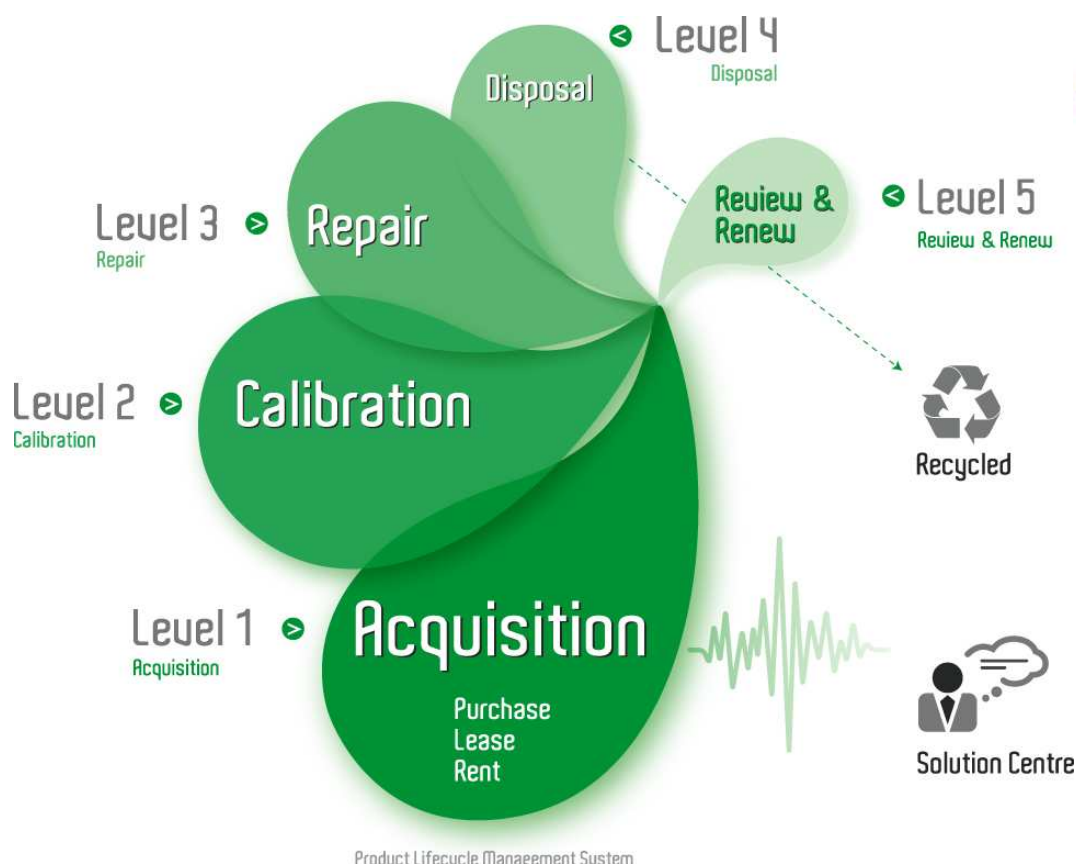
TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the “Click-to-Call” logo below, you can call us for FREE!

TMG Corporate Website

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Mainframe HM8001-2



The mainframe is supplied without the modules shown in the illustration

Modular system



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



Option H0801 – 4 BNC
connectors on rear panel



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) 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 ~ max. 0.5 A each

2 x 5 V = max. 1 A each

4 x 20 V = max. 0.5 A each

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

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

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

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