Digital-Hygro-/Thermo-/Barometer

**GFTB 100**

**Specification:**
- Measuring range:
  - temperature: -25.0°C ... +70.0 °C or -13.0 ... +158.0 °F
  - humidity: 0.0 ... 100.0 %RH (recommended range: 11 ... 90 %RH)
  - air pressure: 10.0 ... 1100.0 mbar

- derived units:
  - dew point temperature Td: -40.0 ... 70.0 °C or -40.0 ... +158.0 °F
  - wet bulb temperature Twb: -27.0 ... 70.0 °C or -16.6 ... +158.0 °F
  - moisture content x: 0.0 ... 280.0 g/kg
  - absolute humidity d: 0.0 ... 200.0 g/m³

- Resolution: 0.1 %RH, 0.1 °C/F, 0.1 mbar

- Accuracy: ±1 % (at nominal temperature = 25°C)

- Nominal temperature: 25°C

- Operating time: T90 = 10 sec.

- Display: 4½-digit, approx. 11mm high LCD-display

- Operation elements: 3 keys for ON/OFF, min-/max-value display, hold

- Housing: impact resistant ABS-housing

- Weight: approx. 130g incl. battery

**Options:**
- GRS serial interface
  (ordering description: GFTB 100 / GRS)

- KIT USB-interface kit, consisting of:
  - interface option “GRS” for the GFTB 100
  - USB interface converter USB 3100
  - multi channel software EBS20M (to record all device units)
  (ordering description: GFTB 100 / KIT)

**Complete-offering:**

**GFTB 100 SET**

(GF100 incl. infra-red thermometer GIM 530 MS)

The additional infrared thermometer contained in the GFTB 100 SET makes it easy to check mould-problem areas on walls etc.

The wall can easily scanned by means of the laser beam within very short time. When wall temperature falls below the critical dewpoint (this is, when the wall gets wet), the device alerts with an audible signal.

**Additional advantages GFTB 100 SET:**
- blindingly easy search for thermal bridges
- targeting laser for precise location even of inaccessible areas
- audible alarm below dewpoint
- fast evaluation of mould-problem areas

**Note:** For technical data for the infra-red thermometer GIM530MS please refer to catalog page 10.

**Accessories:**

- GKK 252 case (235 x 185 x 48mm) with foam lining
- WPF4 Certificate of calibration, humidity, for ISO9000ff
- WPD5 Certificate of calibration, pressure, for ISO9000ff

**miscellaneous accessories (cases, etc.)** p.r.t. page 41-43