



Description

Our smallest battery-operated hand-held terminal is suited to mobile and universal use. It can be connected directly to a strain gauge as well as to a force transducer, a load cell, a pressure or torque transducer. The display shows the measured value with prefix, the measuring unit and the specified decimal places. Factory calibration is performed according to your requirements in the units N, kN, g, kg, t or lb. It is possible to set the display to zero and to tare it or to request the peak values in positive as well as negative direction of force at the touch of a button.

With the user-friendly menu, the user can read out information about the unit and specify important settings.

The HT 6.0 is supplied by four type AA batteries. There is a signal on the display if the batteries need renewing.

Features

- | 12-digit LCD display, 2 lines
- | Measure the maximum load in positive and negative direction of force
- | Zero positioning and taring
- | 4 x battery type AA
- | Requests/settings via one menu
- | Configurable auto-off time

Applications

- | Force measurement
- | Weighing technology
- | Pressure/torque measurement

Technical data

Display	12 digits, 2 lines
Resolution	16 Bit
Measuring rate	configurable: 10 Hz, 20 Hz or 100 Hz
Power supply	4 x battery type AA
Current draw without transducer	ca. 80 mA
Operating time	> 8h continuous operation
Auto-off time	configurable: 8, 30, 60 min / off
Operating temperature range	0 °C to +50 °C
Storage temperature range	-20 °C to +70 °C
Protection class	IP 40
Housing	ABS
Dimensions	78 mm x 145 mm x 44 mm (w x l x h)

Connections

Standard:

HT 6.0 is supplied with the transducer already firmly connected via cable.

Optional:

HT 6.0 with open connector socket; without sensor

Input range	±2 mV/V
Transducer's power supply	3.3 V
Transducer's bridge resistance	100 Ω bis 500 kΩ