DIGITAL TORQUE METER WITH RS232 OUTPUT
REMOTE SENSOR INCLUDED

HHTQ88

NIST *Optional* **RoHS**

- ✔ **3 Selectable Torque Units: kgf-cm, lb-in, N-cm**
- ✔ **High (0.01) and Low (0.1) Resolution Modes**
- ✔ **Fast and Slow Sampling Modes**
- ✔ **Auto Shut-Off Extends Battery Life**
- ✔ **Reading Hold**
- ✔ **Stores Minimum and Maximum Readings with Pushbutton Recall**
- ✔ **RS232 PC Interface to Load Data into Logging or Recording Programs**

The HHTQ88 is a precision test instrument for automotive, automation, laboratory, and general industrial applications. The unit comes with a torque sensor with built-in 12 mm (0.5") chuck and chuck key. Three selectable torque units (kgf-cm, lb-in, N-cm) make this instrument compatible with virtually all measuring systems. The HHTQ88 also has fast and slow sampling rates to fit most automation applications. The large, 15 mm (0.6") high digits are easy to read. The RS232 serial interface allows for use with data logging or recording programs.

SPECIFICATIONS
Units: kgf-cm, lb-in, N-cm (N = Newtons)
Range: Up to 15 kgf-cm
Safe Overload: 150% of range
Functions: Auto-off (after about 20 min), reading hold, min and maximum
Accuracy: ±1.5% FS + 5 digits, 23 ±5°C (73 ±9°F), includes linearity, repeatability and hysteresis
Operating Temperature: 0 to 50°C (32 to 122°F)

Remote sensor included.

Digital Force Gages Available

Operating Humidity: <80% RH (non-condensing)
Sensor Chuck: 12 mm (0.5")
Power: 9V alkaline battery (included)
Sampling Time:
   Fast: Approximately 0.125 s
   Slow: Approximately 0.334 s
Data Output: RS232 PC serial output
Meter Dimensions: 180 H x 72 W x 32 mm D (7.1 x 2.8 x 1.3")
Sensor Dimensions: 48 D x 160 mm L (1.9 x 6.3")
Meter Weight: 225 g (0.5 lb)
Sensor Weight: 665 g (1.5 lb)
Sensor Cable: 1 m (39")

Chuck key included.

HHTQ88, torque sensor included, shown smaller than actual size.

UNIT	MAX RANGE	HIGH RESOLUTION	LOW RESOLUTION
kgf-cm	15 kgf-cm	0.01 kgf-cm	0.1 kgf-cm
lb-in	13.02 lb-in	0.01 lb-in	0.1 lb-in
N-cm	147 N-cm	0.1 N-cm	1 N-cm

(N = Newtons)

To Order
MODEL NO.	DESCRIPTION
HHTQ88	Handheld torque meter

ACCESSORY

MODEL NO.	DESCRIPTION
SW-U101-WIN	Application software and cables for RS232

Comes complete with 9V alkaline battery, torque sensor, chuck key, hard carrying case and operator's manual.
To order with NIST traceable calibration, add suffix "-NIST" to model number for additional cost.
Ordering Example: HHTQ88, *handheld torque meter with sensor and case.*