

# HANDHELD DIGITAL TORQUE GAUGES

## 0.3% FULL SCALE ACCURACY

### HHTQ35 Series



Standard

- ✓ Ergonomic Torque Sensor with Jacobs Chuck
- ✓ 2000 Hz Sampling Rate
- ✓ Ultra-Compact Size
- ✓ Selectable Units of Measure
- ✓ USB Data Output
- ✓ Programmable Setpoints with Pass/Fail Indicators
- ✓ Large Backlit Graphics Display
- ✓ Live Load Bar Graph with Set Point Markers
- ✓ Peak Readings and Set Points Always Displayed
- ✓ Configurable Audio Alarms and Key Tones



HHTQ35-100 shown smaller than actual size.

OMEGA's HHTQ35 Series is an economical digital force gauge designed for clockwise and counter-clockwise torque measurements in a variety of applications. They are available in ranges from 10 ozFin to 100 lbFin (7 to 1150 KgFmm) and have a 2000 Hz sample rate.

A backlit graphic LCD displays large characters and a menu is available to access the gauges features and configurable parameters. Units have a USB output for data collection and setpoint indicators for pass-fail testing.

### SPECIFICATIONS

**Accuracy:** 0.3% of full scale  $\pm$  1 digit

**Power:** Rechargeable battery or AC using adaptor (batteries and adaptor included)

**Battery Life:** Up to 7 hours continuous use with backlight on or 24 hours with backlight off

**Low Battery:** Multi-step low battery indicator is displayed, gauge shuts off automatically when power is too low

**Measurement Units:** ozFin, lbFin, kgFmm, Ncm (depending on model)

**Safe Overload:** 150% of full scale (display shows "OVER" at 110% and above)

**Configurable Settings:** Digital filters, USB output, automatic shutoff, default settings, key tones, audio alarms, calibration

### Dimensions:

**Meter:** 99.1 H x 64.3 W x 38.1 mm D (3.90 x 2.53 x 1.50")

### Sensor:

$\leq$  50Z Range: 44.5 D x 122.4 mm L (1.75 x 4.82")

$>$  50Z Range: 44.5 D x 131.8 mm L (1.75 x 5.19")

**Weight:** 0.8 kg (1.8 lb)

### To Order

MODEL NO.	RANGE vs. RESOLUTION			
	ozFin	lbFin	kgFmm	Ncm
HHTQ35-10Z	10 x 0.01	—	7 x 0.005	7 x 0.005
HHTQ35-20Z	20 x 0.02	—	14 x 0.01	14 x 0.01
HHTQ35-50Z	50 x 0.05	—	36 x 0.05	36 x 0.05
HHTQ35-12	192 x 0.2	12 x 0.01	—	135 x 0.1
HHTQ35-50	800 x 1	50 x 0.05	—	570 x 0.5
HHTQ35-100	1600 x 2	100 x 0.1	—	1150 x 1

Comes complete with carrying case, AC adaptor with US plug, USB cable and CD with USB drivers, operator's manual and calibration certificate.

For AC adaptor with European plug add suffix "-E" to model number, UK style plug add "-U", no extra cost.

**Ordering Examples:** HHTQ35-20Z, 20 ozFin digital torque gauge with US style plug.  
HHTQ35-100-U, 100 lbFin digital torque gauge with UK style plug.