

# HANDHELD DIGITAL TORQUE GAUGES

## 0.5% 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:** 0.5% 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.