BLACKMAX® DIGITAL TORQUE WRENCH

Ideal for HVAC mini-split installations or where OEM-specified torque settings are critical, the BlackMax® digital torque wrench exceeds the capabilities of mechanical-only torque wrenches by offering a variety of user-friendly features in a lightweight, durable and ergonomic housing.

The BTLDTW stores 5 factory and 5 user-defined presets, and is able to simultaneously display stored vs. actual torque values. Large display numbers prevent misreading torque data, a common problem when using wrenches without digital displays. View “Peak” and “Track” torque data with audible (tone), visual (LED) and tactile (vibration) “torque alerts” to prevent over-tightening by providing advance warning when approaching or exceeding predefined torque settings.

KEY FEATURES

• Ensures OEM torque setting compliance
• Ideal for HVAC mini-split installations
• Jaw opening: 3/16” to 1-3/8” (5 to 35mm)
• Torque settings: Lbf.ft, Lbf.in, N-m, Kgf.m
• Pre-set and actual torque values: View both same time
• LED Torque Alerts: Green= within 50-98%, Red= within 2%
• Memory Presets: 5 common, 5 open for custom torque values
• Track mode - View real-time torque value reached during use
• Peak mode - Maximum torque value reached is stored temporarily
• Auto-Off (Selectable): Conserves battery life
• Display light key
**FEATURES**

- **Pivot Point** Speaker
- **Red LED** (torque within 2% of preset value)
- **Green LED** (torque within 50-98% of preset value)
- **Lighted Display**
- **Keypad**
- **Durable Molded Handle**
- **Rubber Grips**
- **Battery Compartment**

**DISPLAY** (Enlarged, Light On)

- Preset torque
- Actual torque
- Torque units

**MEMORY**

- Memory preset number
- Peak vs. Track mode
- Actual display size: 1-9/16" x 9/16" (39.6 mm x 4.2 mm)

**KEYPAD** (Enlarged)

- ON/OFF
- Memory/Mode
- Scroll
- Reset-zero out torque values
- Next entry and display light

**BATTERY COMPARTMENT**

- Powered by 2AAA batteries (Included)

**REVERSE SIDE**

- Metric scale

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**Specifications**

- **Torque Units (Selectable)**: N-m, Kgf.m, Lbf.ft, Lbf.in
- **Torque Measurement Range**: 8-85 N-m, 1-8 Kgf.m, 6-63 Lbf.ft, 71-752 Lbf.in
- **Display Resolution**: 0.1 N-m, 0.1 Kgf.m, 0.1 Lbf.ft, 1.0 Lbf.in
- **Accuracy**: ± 2% clockwise and counter-clockwise of reading, 10% to 100% of full scale
- **Jaw Opening**: 3/16" - 1-3/8" (5 - 35 mm)
- **Operating Voltage**: 3V (2 x AAA batteries, supplied)
- **Operating Temperature**: 32°F - 104°F (0°C - 40°C)
- **Storage Temperature**: -4°F to 113°F (-20°C to 45°C)
- **Wrench (+ Case) Weight**: 2.79 lbs (1.27 kg)
- **Wrench Length**: 15.25" (0.387 m)
- **Green LED Flashes**: Within 50% to 98% of programmed torque (in Peak or Track mode)
- **Intermittent Tone**: Within +5N-m of programmed torque value
- **Red LED On**: Within 2% of programmed torque value
- **Faster Tone**: Within + 2 N-m of programmed torque value
- **Continuous Tone + Constant Green LED & Handle Vibrates**: When >2% over programmed torque value
- **Display Constant On**: Battery life = approx. 120 hours
- **Display & Backlight Constant On**: Battery life = approx. 96 hours
- **Replacement Battery Cap**: BTLDTWCUX