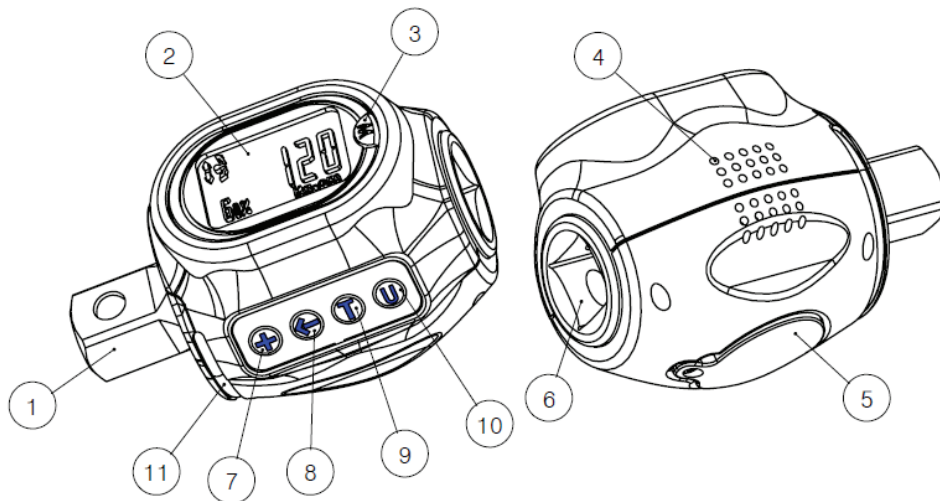


1/2" Digital Torque Adapter

Keypad Introduction

- 1 Drive Head
- 2 LCD Screen
- 3 Power/Backlight
- 4 Buzzer
- 5 Battery
- 6 Female Drive
- 7 Setting - Setting Number (Add/Reduce Number)
- 8 Setting - Setting Number (Torque/Angle Mode)
- 9 Peak Mode/Trace Mode/Flipping Screen/Enter
- 10 Engineering Unit Selection
- 11 Light Stripe



Instructions

Step 1: Enter Calibration Mode (Under Power-Off State)

Perform the following operations in power-off mode

1. Press and hold (10), then press (8), and finally press (3).
2. Continue to hold (10) and (3), and release (8).
3. Next, press (7).
4. When the display shows **CA1** on screen, release all keys to enter "Calibration Mode".

Step 2: Start Calibration

1. After entering calibration mode, the screen will display values from **1xxxx to 2xxxx**.
2. Press (3) again, wait for about **2 seconds**.
3. When **612 cm/kg** is displayed, the system begins the calibration program.

Step 3: Forward (Clockwise) Calibration

First Stage Calibration (612 cm/kg) (Approx. 60 Nm)

1. The display will show 612 cm/kg.
2. Press (3) to enter input mode.
3. Apply a torque of 612 cm/kg (Approx. 60 Nm) to the adapter.
4. Press (3) on the adapter and wait for 2 seconds.
5. The first stage setup is complete.

Second Stage Calibration (1530 cm/kg) (Approx. 150 Nm)

1. The display will show 1530 cm/kg.
2. Press (3) to enter input mode.
3. Apply a torque of 1530 cm/kg (Approx. 150 Nm) to the adapter.
4. Press (3) on the adapter and wait for 2 seconds.
5. The second stage setup is complete.

Upon completion, the adapter will display reverse 612 cm/kg data to end the forward calibration.

Step 4: Reverse (Counterclockwise) Calibration

When performing the reverse test:

1. Switch the handle to the reverse position.
2. Repeat the procedure from Step 3 above:
 - **612 cm/kg** calibration (Approx. 60 Nm)
 - **1530 cm/kg** calibration (Approx. 150 Nm)

Step 5: Complete Setup and Verification

Complete Setup

1. After both forward and reverse calibrations are done, press in order:
 - Press (3) and wait 2 seconds
 - Press (9) and wait 2 seconds
 - This indicates the setup is complete.
2. Press (3) again to turn off the device.

Reboot Test

Press (3) to reboot, and test the following torque values in both forward and reverse directions:

- **400 cm/kg** (Approx. 39 Nm)
- **800 cm/kg** (Approx. 78 Nm)
- **2000 cm/kg** (Approx. 196 Nm)
- Confirm whether the displayed value matches the actual torque applied.

Notice: If the displayed value and the actual applied torque is not **within $\pm 2\%$** ; contact your dealer.