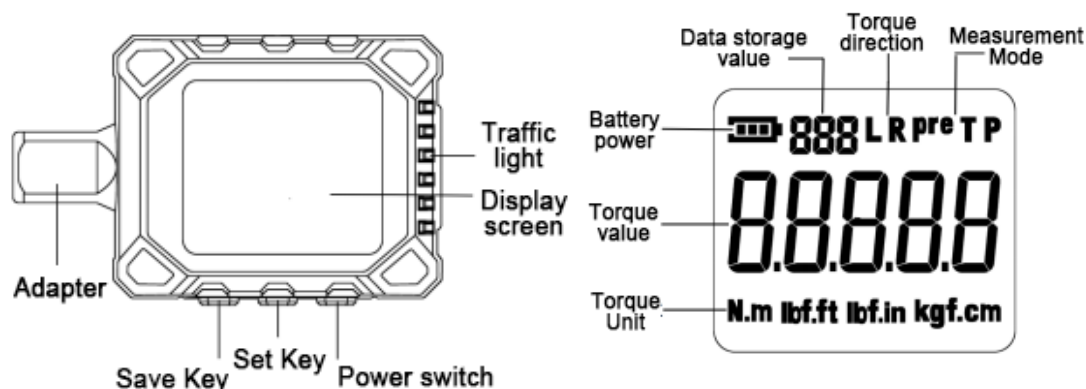


# Digital Torque Meter

## Instruction Manual



### 1. Operating instructions

#### 1.1. Starting Up

Short press the C button to turn on the device. After the start, if the battery display is insufficient, it will shut down automatically and it can be used normally after replacing the battery.

#### 1.2 Unit switching

In the power-on state, please press the U button to switch between the four engineering units.

#### 1.3 Working mode switch

In the measurement interface and there is no torque value, press the M button to switch mode.

##### A. Real-time mode (T)

The torque value displayed on the screen changes as the user applies varying amounts of force.

##### B. Peak mode (P)

During the operation when the user releases the force, the display will record and lock the maximum torque value during the force application, which is the peak torque. Pressing the C key can clear value.

##### C. Preset value mode (pre)

Once the preset value has been set, an alarm will sound when the force reaches that preset value.

#### 1.4 Preset Value Setting

Press and hold the M and U keys simultaneously to enter the preset settings screen. Press the M key to decrease the value and the U key to increase it. Once you have set the value, wait two seconds to return to the previous screen, at which point the setting is complete.

#### 1.5 Sound and light alarm function

In preset mode, for example, when the preset torque value is set to 20 N·m. When 80 per cent of the preset value (16 N·m) is reached, one green LED begins to flash and the buzzer emits an intermittent beep. When 85 per cent (17 N·m) is reached, two green LEDs light up. At 90 per cent (18 N·m),

three green LEDs light up. At 95 per cent (19 N·m), four green LEDs and one red LED light up. The LEDs flash more rapidly and the buzzer sounds more urgently. At 100 per cent (20 N·m), four green LEDs and two red LEDs remain lit, whilst the buzzer switches to a continuous tone. The alert logic in peak mode is the same as in preset mode.

#### 1.6 Clear function

When there is a force value on the display, press the C button lightly to complete the reset.

#### 1.7 Data storage

During the measurement process, simply press the M key lightly to save the current torque value. If 'Succ' appears on the display, this indicates that the torque value has been successfully saved. The three-digit number in the top-left corner of the display shows the current number of data records saved.

#### 1.8 Data View

When the device is not in use, press and hold the M key to view all saved data; press the M or U key briefly to view each set of saved data. Press the C key to exit.

#### 1.9 Data deletion

In the data viewing interface, press and hold the M key and the U key at the same time to delete all saved data

### 2. Overload warning

When the torque exceeds 120 per cent of full scale, the display will show 'OLOAD'. At this point, the torque meter will enter a pause state. Please stop using the instrument and press the C key to resume normal operation. (If you are unable to resume normal operation, please contact the manufacturer immediately.)

Do not use the torque meter over the range, that is, the torque value exceeds 120% of the full range. Long-term over-range may cause damage to the torque meter or loss of accuracy.

**International air express dose not contain  
batteries by default**

**No Battery In Package Please use:  
LR03 AAA \*2**