

## Digital Torque Angle Adaptor - 1/2"D



## How to use Digital Torque Angle Adaptor – 1/2" D

### Using the Torque Adaptor

1. When you start to use the adaptor the indicator will flash GREEN
2. When you reach 20% from target the adaptor will flash YELLOW and an intermittent buzzer will be heard.
3. When the target is reached a RED light will appear and the buzzer will be continuous.

### Peak and Trace

With the adaptor switched on by pressing the P/T button you can select Peak or Trace

### Peak

This will give the value as detailed above

### Trace

This will show the increase in increments on the display until the targeted value is reached

### Angle Functions

1. After torque loading has been applied the additional angular movement can be achieved
2. Place adaptor on a flat surface
3. Press and release the ANG (Angle) button
4. The display will show 0°
5. Turn the adaptor clockwise for positive angle (+5)
6. Turn the adaptor anti-clockwise for negative angle readings (-5)

7. Stop when the correct angle reading is displayed


### Memory

The adaptor can hold up to 50 readings

### To display the Memory

1. Turn on the adaptor
2. Press MEM for 1 sec and release
3. By pressing this button the adaptor will run through the last 50 stored readings (Latest P01- Oldest P50)

### Recalibration

To recalibrate the torque angle adaptor hold MEM (Memory) and  (Power) together

## Safety precautions – PLEASE READ

- Store in a clean dry place
- Use a soft, dry cloth to clean the adaptor and display panel
- Never submerge the adaptor in water
- Only use the adaptor for the purpose it is intended
- Do not exceed the permitted torque
- Do not use the adaptor if it appears to be malfunctioning
- Do not disassemble the adaptor
- Do not expose the adaptor to extreme temperatures, humidity, direct sunlight or shock
- Recalibrate when necessary



### Guarantee

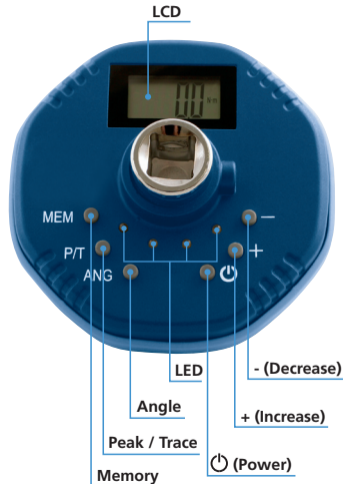
If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.



Distributed by **The Tool Connection Ltd**

Kineton Road, Southam, Warwickshire CV47 0DR  
**T** +44 (0) 1926 815000 **F** +44 (0) 1926 815888  
 info@toolconnection.co.uk [www.toolconnection.co.uk](http://www.toolconnection.co.uk)

## Components & Features



## Specifications

Torque Accuracy	±2%
Angle Accuracy	(± 1% of reading) + (± 1% @ angular velocity > 10°/sec < 180°/sec) + (± 1% of Text Texture)
Memory	50 readings
Display resolution	Torque : 0.1    Angle : 1
Display range	40<200Nm (29.5-147Lb-ft)
Angle 5<360°	22 6S 1
Drive	1/2"D
Operation Mode	Peak/Trace
Unit Selection	Kg-m   Lb-ft   Nm
Dimension	75mm
Width	101mm
Weight	280gms
Battery	AA x 2 (supplied)
Battery Life	110hrs (coninuous operation)
Ambient Temperature (Operating)	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Relative humidity (Operating)	15 to 90% (non-condensing )
Auto shut off when not in use	80secs

This digital torque angle adaptor combines a torque wrench 40- 200Nm and 5-360° angle gauge.

Developments in modern technology have resulted in specifications for tightening fasteners to a lower torque threshold and then rotating the fastener through a further specified angle, thus the use of this tool is now essential.

Available in three drive sizes from 60<200Nm



## How to use Digital Torque Angle Adaptor – 1/2"D

### Low battery warning

1. When the battery is low the (🔋) light will appear
2. Typical battery life if 110hours at continuous use
3. Always remove the battery if stored for long periods
4. The adaptor will automatically shut down if unused for 80 secs

### To replace the battery

1. Turn off power
2. With Ph1 precision screwdriver remove the 2 screws from the square plate on the drive side of the adaptor
3. Remove the batteries and discard in accordance with local authority guide lines

### Power On

1. Press the (🔌) button
2. After 2 seconds the adaptor will show 0.0 and the torque measurement selected
3. By pressing MEM and P/T together you can scroll through the selection of torque measurements, stopping at the selected torque required.

### Select Target Torque Value

1. To increase or decrease the target torque required press the + or – button
2. After 10 seconds the value will display 0.0