KINCROME®
PROFESSIONAL QUALITY TOOLS

DIGITAL TORQUE ADAPTOR

40-200 Nm

±2% ACCURACY Nm

MULTIPLE UNITS OF MEASURE KG-M/KG-CM/ FT-LB/IN-LB/Nm



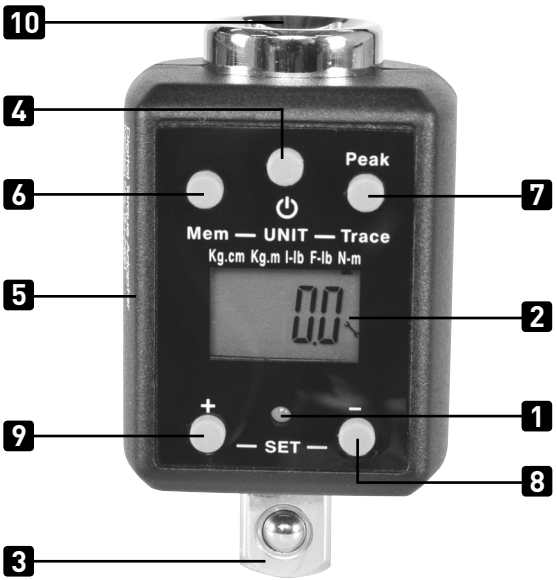


K8035
ED2/January 19

DIGITAL TORQUE ADAPTOR 40-200NM

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Know Your Product

1. LED Alarm
2. LCD Display
3. ½" Square Drive
4. ON/OFF Button
5. Alarm/Buzzer (Not Shown)
6. Memory Button
7. Peak & Trace Button
8. Decrease Button (-)
9. Increase Button (+)
10. Drive Adaptor
11. Storage Case

SPECIFICATIONS

Part No: **K8035**
Digital Torque Value Reading
Torque Range .....
40 ~ 200 N.m (29.5 - 147.5 ft.lb)
Accuracy ..... **± 2.0%**
Target Value Setting Selectable

Units: .....
Kg-M/Kg-Cm/Ft-Lb/In-Lb/Nm
Peak & Track Mode Selectable
50 Data Memory
Auto Shutoff ..... **80 Seconds**
Powered .....

2 X AAA Battery (Included)
Operating Ambient
Temperature ..... **-10 ~ 60º**
Alarm .....
Led Light Alarm And Buzzer

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DIGITAL TORQUE ADAPTOR 40-200NM

WARNING!: DO NOT press "M" & "Power" button together. The product will enter Calibration Mode. For factory use only.

SAFETY INSTRUCTIONS

WARNING! DO NOT use the digital torque adaptor if damaged or thought to be faulty.

1. **DO NOT** apply force to the digital torque adaptor when the power is off. Always turn it on before using it, otherwise it will be damaged.
2. **DO NOT** turn off the digital torque adaptor while torque is being applied to it.
3. **DO NOT** exceed the permitted maximum torque value. To do so will cause it to break.
4. **DO NOT** subject the 1/2" connectors to any force other than a rotational one.
5. Ensure that all components, including all adaptors, extensions, drivers and sockets are rated to match or exceed the torque being applied.
6. Observe all equipment, system and manufacturer's warnings, cautions and procedures when using this digital torque adaptor.
7. Use the correct size socket for the fixing.
8. **DO NOT** use sockets that are worn or cracked.
9. Check the digital torque adaptor matches or exceeds each torque application before proceeding.
10. Ensure all workshop safety rules, regulations, and conditions are complied with when using this digital torque adaptor.
11. Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
12. Keep children and unauthorised persons away from the working area.
13. **DO NOT** press, pressure or damage the LCD display.
14. **DO NOT** use near strong magnetic fields.
15. **DO NOT** subject to excessive force or shocks.
16. **DO NOT** drop or throw the digital torque adaptor.
17. **DO NOT** leave the digital torque adaptor in any place exposed to excessive heat, humidity or direct sunlight.
18. **DO NOT** use organic solvents such as alcohol or thinners for cleaning.
19. **DO NOT** submerge in water or any other liquid.
20. **DO NOT** dissassemble the digital torque adaptor.
21. To ensure accurate measurement, periodic re-calibration is necessary. Take Digital Torque Adaptor to a Specialist.
22. After use, clean with a soft dry cloth and store it in a safe, childproof location away from any heat sources. Avoid dusty, damp or humid conditions.

ASSEMBLY INSTRUCTIONS

No Assembly is required for the K8035 Digital Torque Adaptor.

WARNING!

1. **Your Kincrome Digital Torque Adaptor is a precision instrument and should be treated as such.**
2. **Always store the Kincrome Digital Torque Adaptor in the protective blow mould case when not in use.**
3. **If your Kincrome Digital Torque Adaptor is dropped, knocked, even in the protective blow mould case, or any parts have been replaced, the Kincrome Digital Torque Adaptor must be immediately re-calibrated prior to next use.**
4. **To avoid damage to the Kincrome Digital Torque Adaptor, never use it with the power OFF.**

OPERATION OF THE DIGITAL TORQUE ADAPTOR

GETTING STARTED

1. Before you get started, you MUST remove the clear plastic strip located on the rear of the product, to activate the included batteries.

QUICK START GUIDE

NOTE: Select the appropriate tool required for the task at hand.
For small Torque Applications, use a Ratchet (do not exceed the capabilities of the ratchet).
For large Torque Applications use a Flexi Bar/Breaker Bar

1. Fit the Kincrome Digital Torque Adaptor to your ½" Drive Ratchet or Breaker Bar, via the Drive Adaptor (10).
2. Once secure, fit the appropriate socket you for your task at hand on the ½" Square Drive (3) of the Digital Torque Adaptor.

POWER ON



(Fig 01)

1. Press and Release the ON/OFF Button (4) to turn on the LCD Display (2) (Fig 01). The LCD Display will show "Trace" or "PtoP".

2. After 2 seconds the LCD Display will show 0.0.

3. The unit is now ready to measure Torque Ratings.

NOTE: If you do not use the Kincrome Digital Torque Adaptor for 80 seconds, the unit will turn off automatically.

HOW TO SELECT UNITS



(Fig 02)

1. Press the Memory Button (6) and Peak & Trace Button (7) together to select different Torque Units (Fig 02).
2. When you change units the target setting will also be changed to the new units value.
3. The digital torque Adaptor contains 5 units of measure - kg/cm, kg/m, in/lb, ft/lb, Nm

HOW TO SELECT "TARGET TORQUE VALUE"

To Increase



(Fig 03)

1. Press and hold the Increase Button (+) (9) to increase the current target value (Fig 03).
2. The target value will show on the LCD Display (2) for 10 seconds
3. After 10 seconds the LCD Display (2) will show 0.0.

To Decrease

1. Press and hold the Decrease Button (-) (8) to lower the target torque value (Fig 03).
2. The target will show for 10 seconds
After 10 seconds, the LCD Display (2) is 0.0.

Using The Target Torque Value

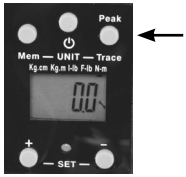
1. When you start measuring, you will see the green light on. When you have reached 80% of target, you will see the yellow light on and hear an intermittent buzzer to warn you that you are approaching the target value.
2. When you reach your target value, you will see the red light on and hear the buzzer alarm.
3. Stop applying torque.

HOW TO SET "PEAK OR TRACE"

Peak

The Torque Adaptor will display the highest measured reading applied.

1. Press and release the "Peak – Trace" Button (7) when the digital torque adaptor is ON (Fig 04).
2. The LCD Display (2) shows "PtoP".
3. The LCD Display (2) shows 0.0 after 2 seconds.

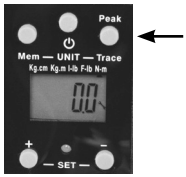


(Fig 04)

Trace

The Digital Torque Adaptor will display the torque reading in real-time.

1. Press and release the "Peak – Trace" button (7) when the digital torque adaptor is ON (Fig 05).
2. The LCD Display (2) shows "trACE".
3. The LCD Display (2) shows 0.0 after 2 seconds

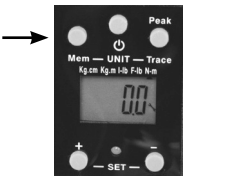


(Fig 05)

HOW TO SET MEMORY

The Kincrome Digital Torque Adaptor will record up to 50 torque value readings at one time.

1. The Digital Torque Adaptor will only record torque value readings if set to "Ptop" mode.
2. Press the Memory Button (6) for at least 1 second and release (Fig 06).
3. The display shows the memory number is "P01" than "Torque Value".
4. Press the Memory Button (6) for at least one second one more time.
5. The display shows the torque memory number is "P02" than "Torque Value".
6. "Po1" is the latest reading "P50" would be the oldest.



(Fig 06)

WARRANTY

Warranty given by Kincrome Tools & Equipment Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria, Australia (Tel +61 3 9730 7100) If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kincrome service agent or one of Kincromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian, United Kingdom & Ireland Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian, United Kingdom & Ireland Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kincrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.

Australian Office Contact Details

Phone: 1300 657 528

Fax: 1300 556 005

Email: enquiries@kincrome.com.au

Website: www.kincrome.com.au

UK Office Contact Details

Mail: Kincrome UK Ltd PO Box 646 Eastleigh SO50 0NA

Email: enquiries@kincrome.co.uk

Website: www.kincrome.co.uk

Caring For The Environment

When a tool is no longer usable it should not be disposed of with household waste, but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.

Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.