240mm

130mm

KRAFTWERK®

FAVORITE TOOLS SINCE 1979

Instruction Manual

Electronic torque-adapter

DIN EN ISO 6789

EN

KRAFTWERK®

FAVORITE TOOLS SINCE 1979

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Electronic torque-adapter

Thank you for choosing KRAFTWERK electronic torque-adapter. Please read instruction carefully before using. You will find this KRAFTWERK electronic torque-adapter easy to use. Turn it on and apply the electronic torque-adapter.



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1. Product Specifications

Art. 4081-12

Accuracy	±2%
Memory	50
Display resolution	0.1
Display Range	40-200 Nm (29.5 ~ 147.5 ft-lbs)
Drive	1/2 inches
Operation Mode	Peak/Track
Unit Selection	kg-cm, kg-m, lb-in, ft-lbs,Nm
Size	L75 x W45 mm
Weight	183 g
Battery	CR2032 x 1 pc
Battery Life	55 hrs (continuous operation)
Operating Ambient Temperature	-10ºC - 60ºC (13.9ºF - 139.9ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF - 157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	80 seconds (if do not use digital torque adapter)

Art. 4081-38

Accuracy	±2%
Memory	50
Display resolution	0.1
Display Range	27-135 Nm (19.9 ~ 99.6 ft-lbs)
Drive	3/8 inches
Operation Mode	Peak/Track
Unit Selection	kg-cm, kg-m, lb-in,ft-lbs, Nm
Size	L75 x W45 mm
Weight	182 g
Battery	CR2032 x 1 pc
Battery Life	55 hrs (continuous operation)
Operating Ambient Temperature	-10ºC - 60ºC (13.9ºF - 139.9ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF - 157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	80 seconds (if do not use digital torque adapter)

1. Product Specifications

Art. 4081-14

Accuracy	±4%
Memory	50
Display resolution	0.1
Display Range	6-30 Nm (4.4 ~ 22.1 ft-lbs)
Drive	1/4 inches
Operation Mode	Peak/Track
Unit Selection	kg-cm, kg-m, lb-in, ft-lbs, Nm
Size	L75 x W45 mm
Weight	180 g
Battery	CR2032 x 1 pc
Battery Life	55 hrs (continuous operation)
Operating Ambient Temperature	-10ºC - 60ºC (13.9ºF - 139.9ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF - 157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	80 seconds (if do not use digital torque adapter)

2. Components and Features



3. How to use electronic torque-adapter

Do not press "Mem" and "⏻ " button together please.

The system will enter into Calibration Mode.

1 Battery Install and Replacement

1. CR2032 x 1 pc
2. Keep the end thread clean and dry for a good contact.
3. Open the battery cap.
4. Remove the old battery.
5. Install 1 pc CR2032 battery in the electronic torque-adapter (with the "+" sign facing upwards).
6. Screw the battery cap.



Note

1. When battery are low a "▭" icon will light.
2. Remove the battery if stored for a long period of time.
3. Battery life depends on battery quality and the amount of the lights and buzzer are used.
4. Typical life is up to 55 hours.

3. How to use electronic torque-adapter

2 Power On

1. Press and release the "⏻" button to turn the digital adapter on. The LCD panel shows " trACE " or " PtoP ".



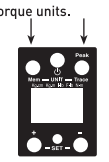
2. After 2 seconds the L.C.D panel show "00.0".
3. Swing the digital adapter.
4. The L.C.D displays the torque value measured.

Note

If you do not use the wrench for 80 seconds the digital adapter will automatically shut off.

3 How to select "Unit"

Press "Mem" and "Peak-Trace" button together and release to select different torque units.

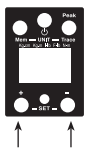


Note

1. When you change units the target setting will also be changed to the new units value.
2. This digital torque adapter contains 5 unit selections. (kg-cm, kg-m, in-lb, ft-lbs, Nm)

3. How to use electronic torque-adapter

4 How to select "Target Torque Value"



1. Increase (+):
   1. Press and hold the (+) button to increase the current target value,
   2. The target will show for 10 seconds.
   3. After 10 seconds the LCD display 0.00.
2. Lower (-):
   1. Press and hold the (-) button to lower the current target value,
   2. The target will show for 10 seconds.
   3. After 10 seconds the LCD display 0.00.

Note

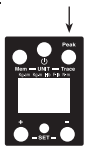
1. When you are approaching 20% unit before the target you will see a flash of red light and hear an intermittent buzzer warring you that you are approaching the torque value.
2. When you are at target value you will see red light and hear buzzer. Stop pulling.

3. How to use electronic torque-adapter

5 How to set "Peak" or "Trace"

Peak:

1. Press and release "Peak-Trace" - button when the digital torque adapter is on.
2. The L.C.D panel shows "PtoP".
3. The L.C.D panel shows 00.0 after 2 seconds.

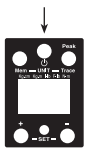


Trace:

1. Press and release "Peak-Trace" - button when the digital torque adapter is on.
2. The L.C.D panel shows " trACE ".
3. The L.C.D panel shows 0.00 after 2 seconds.

6 Turn Off

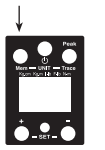
1. If you do not use the electronic torque -adapter for 80 seconds the digital torque adapter will automatically shut off.
2. To manually turn off the electronic torque-adapter press and release the "⏻ " button.



3. How to use electronic torque-adapter

7 Memory

1. Store reading must be under the "Stop" mode.
2. Press "Mem" button at least 1 second and release.
3. The display show the memory number is "P01" than "Torque Value".
4. Press "Mem" button at least 1 second one more time.
5. The display show the memory number is "P02" than "Torque Value".
6. "P01" is the latest reading, "P50" would be the oldest.



Note

1. This electronic torque-adapter stores the last 50 torque value readings.

4. Care and Cleaning

5. Important safeguards



Do not press "Mem" and "⏻ " button together please.

The system will enter into Calibration Mode.

- Store in a clean, dry place.
- Use a soft, dry, clean cloth clean the electronic torque-adapter and L.C.D panel.
- Basic safty precautions should be observed especially when using the electronic torque-adapter on or near children and disabled presons.
- Never submerge the electronic torque -adapter in water or any other liquid.
- Never clean the electronic torque-adapter with organic solvents.
- Use the electronic torque-adapter only for the intended use described in this manual.
- Do not exceed the permitted torque value for the electronic torque-adapter.
- Do not use the electronic torque-adapter if it is not working properlt, or if it has suffered any damage.
- Do not disassemble the electronic torque -adapter.
- Do not expose the electronic torque-adapter to extreme temperature, humidity direct sunlight or shock violently.
- Do not shake or shock.
- To ensure accurate measurement periodic recalibration is necessary.



WARRANTY

We do not take responsibility for any damage caused by misuse or any use that is not in compliance with the safety standards described herein.

CUSTOMER SERVICES

Contact your local importer of your specialized dealer to obtain address of our service department.

FROM DATE OF PURCHASE RECEIPT
2 YEAR GUARANTEE
ON MATERIAL OR PRODUCTION DEFECTS