



## Electromechanical torque wrench, maximum torque: 400 Nm



### Order data

|              |               |
|--------------|---------------|
| Order number | 655290 400    |
| GTIN         | 4018754175666 |
| Item class   | 63A           |

### Description

#### Version:

Unique electro-mechanical wrench, which combines both the **"displaying"** and **"triggering"** functions in a single device. When the set torque is reached the wrench triggers, with acoustic and tactile signals like a conventional mechanical torque wrench. In addition the value achieved is displayed and can be transferred to a PC. The additional "displaying" mode provides a continuous visual indication to the user of the torque that is being applied. Saves and documents up to 7500 screw tightening events. An automatic key lock prevents accidental changes to the settings. A PIN code can be entered to prevent unauthorised changes to the settings. The wrench offers a very wide measurement range. Integrated automatic reminder of calibration after the number of operations and elapsed time.

**Units of measure:** N·m, lbf·ft, lbf·in.

- **Easy input of pitch settings: For plug-in heads with a different reference dimension, simply input the new dimension. No laborious calculations with formulae.**
- **QuickRelease: Secure engagement and quick change of plug-in heads.**
- **Robust, compact body.**
- **Tolerance limit settings, shown clearly on a display with colour changes.**
- **Very simple operation; complete use and menu selection with just 4 buttons.**
- **2-component handle, resistant to oils, greases, fuels, brake fluids, and Skydrol.**
- **USB interface for exporting the data.**

With reversible plug-in ratchet.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Supplied with:

Sturdy plastic box (sizes 100 and 200) and sturdy metal box (from size 400) with 2 batteries (1.5 V mignon / AA / LR6).

#### Optional extras:

USB adapter, cable with latching plug, SENSOMASTER 4 software.

#### Note:

The guaranteed measuring accuracy of the torque is achieved only once the torque range has been calibrated to DIN EN ISO 6789.

Direction of tightening: For right- and left-hand tightening

Torque measuring accuracy:  $\pm 2\%$

Exchangeable tool: Plug-in head

Interface: USB interface

Test certificate: Manufacturer's test certificate

Calibration: O1

Overall length L: 738 mm

Torque range: 40 - 400 Nm

Torque range: 30 - 300 lbfft

Torque range: 360 - 3600 lbfin

Adjustment resolution: 1 Nm

Display resolution: 0.1 Nm

## Technical description

|   |                                 |
|---|---------------------------------|
| Socket for plug-in head                                 | 14×18 mm                        |
| Square drive  | 3/4 inch                        |
| maximum torque  | 400 Nm                          |
| Adjustment resolution                                   | 1 Nm                            |
| Display resolution                                      | 0.1 Nm                          |
| Weight  | 2232 g                          |
| Torque measuring accuracy                               | $\pm 2\%$                       |
| Exchangeable tool                                       | Plug-in head                    |
| Torque range  | 40 - 400 Nm                     |
| Torque range  | 30 - 300 lbfft                  |
| Article no of the battery / rechargeable battery fitted | 081561 LR6                      |
| Number of batteries contained                           | 2                               |
| Torque range  | 360 - 3600 lbfin                |
| Series  | MANOSKOP® 730DR                 |
| Trigger principle                                       | mechanical short-travel release |
| Setting the trigger value                               | digital, adjustable             |
| Feedback  | visning                         |
| Feedback  | udløsning                       |

|  |  |
|--|--|
| Feedback   | acoustic signal                        |
| Display  | digital                                |
| Measurement process  | Torque                                 |
| Lever length including factory calibration reference dimension [l <sub>3</sub> ] | 680 mm                                 |
| Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]              | 25 mm                                  |
| Reversible reading   | Nm                                     |
| Reversible reading   | lbf·in                                 |
| Reversible reading   | lbf·ft                                 |
| Overall length L   | 738 mm                                 |
| Adjustable trigger value   | adjustable                             |
| Standard   | DIN EN ISO 6789                        |
| Connection format  | for plug-in heads (rectangular socket) |
| Lever length without plug-in head [l <sub>1</sub> ]                              | 655 mm                                 |
| Calibration  | O1                                     |
| Direction of tightening  | For right- and left-hand tightening    |
| Test certificate   | Manufacturer's test certificate        |
| Interface  | USB interface                          |
| Data can be recorded   | yes                                    |
| Measurement technology   | electronic                             |
| Release signalling   | optisk                                 |
| Release signalling   | akustisk                               |
| Release signalling   | haptisk                                |
| Battery type   | Mignon, AA                             |
| Power supply   | Battery-powered                        |
| Quick release/ quick-change function   | yes                                    |
| Type of product  | Torque Wrench                          |

## Services

018820 400

|  |             |
|--|-------------|
| Calibration Torque wrench maximum torque 400 Nm        |             |
| Labelling laser-etched Type                            | 018940      |
| DAkkS calibration Torque wrench maximum torque 1000 Nm | 018830 1000 |

## Accessories

|   |                |
|---|----------------|
| Alkaline manganese battery set International size LR6                             | 081557 LR6     |
| USB adapter cable and software for No. 655290                                     | 655292         |
| Plug-in ratchet reversible Type-Square drive 2-1/2 inch                           | 657600 2-1/2   |
| Alkaline manganese battery set International size LR6                             | 081558 LR6     |
| Plug-in ratchet reversible with QuickRelease ejector Type-Square drive 2-1/2 inch | 657590 2-1/2   |
| Alkaline-manganese batteries International size LR6                               | 081556 LR6     |
| Plug-in ratchet reversible Type-Square drive 2-3/4 inch                           | 657600 2-3/4   |
| Plug-in ratchet reversible Type-Square drive 2-3/4HD inch                         | 657600 2-3/4HD |
| Alkaline-manganese batteries International size LR6                               | 081551 LR6     |
| Alkaline-manganese batteries International size LR6                               | 081561 LR6     |