



## Torque wrench, fully insulated with plug-in reversible ratchet, Maximum torque: 50 Nm



### Order data

Order number	657551 50
GTIN	4018754271900
Item class	63A

### Description

#### Version:

Torque wrench **fully insulated up to 1000 V to DIN EN 60900 / VDE 0682-201.**

Sturdy compact one-armed torque wrench, adjustable to scale and self-triggering. The accuracy is sustained for many thousands of operations, because high quality material is used for all wearing parts with stressed parts loaded only briefly on each occasion. With **plug-in reversible ratchet.**

**Units of measure:** N·m, lbf·ft.

- **QuickRelease. Plug-in ratchet, easily reversible between left-hand and right-hand action. With QuickRelease safety locking for quick changeover of tools and efficient protection against loss.**
- **No need to reset to zero. Patented non-wearing trigger system with stressed parts. No need to reset to »0« in order to relax the spring.**
- **QuickSelect. Proven QuickSelect quick setting of the torque, and additional scale ring for fine adjustment**

#### Advantage:

The double-insulated plastic sleeve for working on live components houses more than just the proven STAHLWILLE precision. It is, at the same time, part of a revolutionary concept that is unique in the world: The torque wrench allows the end user to adjust and calibrate it themselves - without having to send it in - for instance using the mechanical calibration system No. 654240 size 400. Even the ratchet head can be exchanged without having to recheck the insulation.

#### Function:

**Adjustment:** Quick adjustment of the torque with the slide setting button. The value is fixed using the locking key in the handle.

#### Standard:

Geprüft nach DIN EN ISO 6789.

#### Note:

For working at voltages up to 1000 Volts. In safety areas only **fully insulated** tools may be used in combination.

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

electrical insulation: VDE 1000 V

Direction of tightening: For right and left-hand tightening

Torque measuring accuracy:  $\pm 3\%$

Test certificate: Manufacturer's test certificate

Calibration: O1

Overall length L: 390 mm

Torque range: 10 - 50 Nm

Torque range: 7 - 37 lbfft

Scale graduation, 1 graduation =: 0.25 Nm

Weight: 1660 g

Adjusted reference dimension on the torque wrench [l<sub>2</sub>]: 28 mm

## Technical description

Torque measuring accuracy	$\pm 3\%$
Socket for plug-in head	9×12 mm
Display	analogue
Weight	1660 g
Square drive	3/8 inch
maximum torque	50 Nm
Direction of tightening	For right and left-hand tightening
Scale graduation, 1 graduation =	0.25 Nm
Torque range	10 - 50 Nm
Torque range	7 - 37 lbfft
Adjusted reference dimension on the torque wrench [l <sub>2</sub> ]	28 mm
Overall length L	390 mm
Reversible reading	Nm
Reversible reading	lbfft
Trigger principle	mechanical short-travel release
Adjustable trigger value	adjustable

Lever length including factory calibration reference dimension [l <sub>3</sub> ]	336 mm
Standard	DIN EN ISO 6789
Feedback	triggering
Setting the trigger value	with adjustment scale
Connection format	for plug-in heads (rectangular socket)
Measurement process	Torque
Lever length without plug-in head [l <sub>1</sub> ]	308 mm
Calibration	O1
Test certificate	Manufacturer's test certificate
Data can be recorded	no
Measurement technology	mechanical
Release signalling	akustisk
Release signalling	haptisk
Series	MANOSKOP® 730R VDE
electrical insulation	VDE 1000 V
Type of product	Torque Wrench

## Services

Calibration Torque wrench maximum torque 400 Nm	018820 400
DAkkS calibration Torque wrench maximum torque 1000 Nm	018830 1000