

Quality Made in Germany

# Q-Check<sup>®</sup>

The tool for your quality assurance

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**ToolRent<sup>®</sup>**  
Simply rent tools



## Technical features

- Measuring range 3-1000 Nm
- Audit functions: Prevail torque / Loosen-tighten
- Further torque measurement for process capability analysis after VDI/VDE 2645-3
- Wireless data transfer WLAN
- Compatible with the analysis software Ceus and QS-Torque
- Intuitive graphical user interface
- 1D / 2D scanner
- 2 GB memory for up to 1,000 screw positions
- No worker influence for precise results
- optional upgrade to torque, angle and yield point process
- Activation for second measuring channel

## Technical data

- Measuring accuracy torque  
± 1% between (10 - 100)% of the nominal range
- Measurement accuracy rotation angle \*  
0.1° resolution of display
- Microprocessor, measured value memory  
32 bit RISC architecture internal memory 2 GB
- TFT display  
320 x 240 pixels, 16-bit colour analogue touch panel
- Power supply Li-ion, 2600 mAh with overload protection  
for approx. 8 hours continuous operation



## Dimensions Q-Check®

Q-Check * Dimensions without tool insert	30/30-L*	60/60-L*	100/100-L*	200	300	400	600	800	1000
Measuring range [ N·m ]	3 - 30	6 - 60	10 - 100	20 - 200	30 - 300	40 - 400	60 - 600	80 - 800	100-1000
Length [ mm ]	405 / 440*	415 / 450*	415 / 450*	545	825	825	1080	1440	1455
Width [ mm ]	79	79	79	79	79	79	79	79	79
Height [ mm ]	40	40	40	40	40	40	40	40	40
Weight [ kg ]	ca. 0,9	ca. 1,1	ca. 1,1	ca. 1,4	ca. 2,0	ca. 2,0	ca. 2,6	ca. 3,0	ca. 3,3
Square mount [ mm ]	9 · 12	9 · 12	9 · 12	14 · 18	14 · 18	14 · 18	14 · 18	14 · 18	22 · 28
Drive [ mm ]	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"
Reversible ratchet inside micrometre [ mm ]	17,5	17,5	17,5	25	25	25	30	34	153

\* Housing for barcode scanner (\* optionally available)

## Overview

1	Interchangeable square drive system for insert tools
2	Fixed point-less rotation angle measurement
3	Powerful and future-proof 32 bit - RISC core
4	3.2" TFT display 320 x 240 pixels, 16 bit colour with touch function
5	Square changing system
6	360° - LED-Ring * for visualisation of tightening curve
7	Replacement battery, Li-ion technology
8	Vibration alarm
9	Robust aluminium titanium construction
10	Wireless data transfer via WLAN *
11	2D scanner * can be operated via the device keyboard can be used for all common 1D / 2D barcodes
12	± 60° lockable

\* optionally available

