ACCURACY BY

GWK

OPERATOR ®
Sets new standards in screwing technology

200 Nm

GWK GmbH

In der Steinbach 2

55758 Schauren

Telefon: 06786 2904860

E-Mail: info@gwkgerlach.de

Internet: https://gwk-gerlach.com

OPERATOR ®

Technical features

- Measuring range 3-800 Nm

- Torque controller / Rotation angle controller

- Yield point / Loosen-tighten / WDM method *

- Left- and right-handed operation possible

- Communication protocol for all common production systems

- Onward torque measurement for process capability testing *

- Bright, high-resolution display with wide viewing angle

- Problem-free operation with gloves

- Free software for parameterising and outputting
  final readings

- Pluggable WLAN module for simple and fast
  tool exchange in the production line

Technical data

- Measuring accuracy torquet
  ± 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

- Display
  320 x 240 2.0" pixel TFT display with UPS

- Power supply Li-Ion, 5000 mAh with overload protection
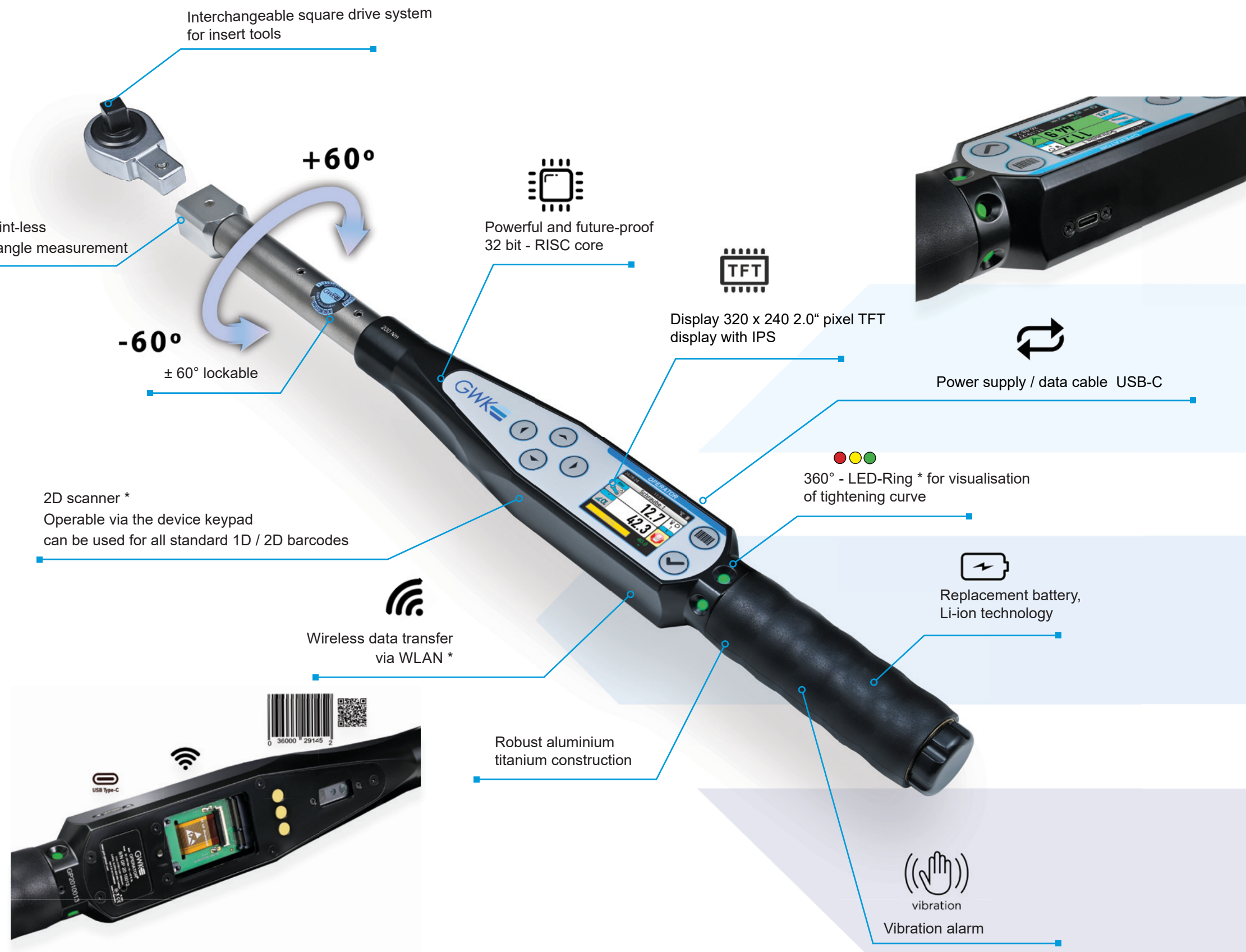 for approx. 6 hours of continuous operation

* optionally available

Dimensions OPERATOR ®

Dimensions without tool insert	30	60	100	200	300	400	600	800
Measuring range [N·m]	3 - 30	6 - 60	10 - 100	20 -200	30 - 300	40 - 400	60 - 600	80 - 800
Length [mm]	417	427	427	520	799	799	1045	1405
Width [mm]	50	50	50	50	50	50	50	50
Height [mm]	32	32	32	32	32	32	32	32
Weight [kg]	ca. 1,0	ca. 1,0	ca. 1,0	ca. 1,2	ca. 1,8	ca. 1,8	ca. 2,4	ca. 3,0
Square mount [mm]	9 · 12	9 · 12	9 · 12	14 · 18	14 · 18	14 · 18	14 · 18	14 · 18
Drive [mm]	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Reversible ratchet inside micrometre [mm]	18	28	18	25	25	25	30	45

GWK

OPERATOR ®

Übersicht

Interchangeable square drive system
for insert tools

+60°

-60°

± 60° lockable

Fixed point-less
rotation angle measurement

Powerful and future-proof
32 bit - RISC core

TFT

Display 320 x 240 2.0" pixel TFT
display with IPS

Power supply / data cable USB-C

360° - LED-Ring * for visualisation
of tightening curve

2D scanner *
Operable via the device keypad
can be used for all standard 1D / 2D barcodes

Replacement battery,
Li-ion technology

Wireless data transfer
via WLAN *

Robust aluminium
titanium construction

vibration
Vibration alarm

* optionally available

EasyWin ®

PC software for parameterisation, data acquisition and archiving. The PC software EasyWin ® is included in delivery with the Operator ®

Accessories

PC- Software

- Parameterisation of the Operator Plus tools

- Creation of screwing sequences

- Reading out and archiving the memory content

- convenient database functions

- Statistical evaluation of the screwing results