

DWPM-1000

Testing machine

Quality Made in Germany



Torque / angle wrench calibration device

Fully automatic testing device for torque and electronic torque / angle wrenches with gyroscopic angle measurement



Extensive software

- Tool database
- Test program editor
- Evaluation
- Documentation

GERLACH GmbH und Co. KG.
TOOLS & CALIBRATION



gwk
www.gerlach-gwk.de

DWPM-1000

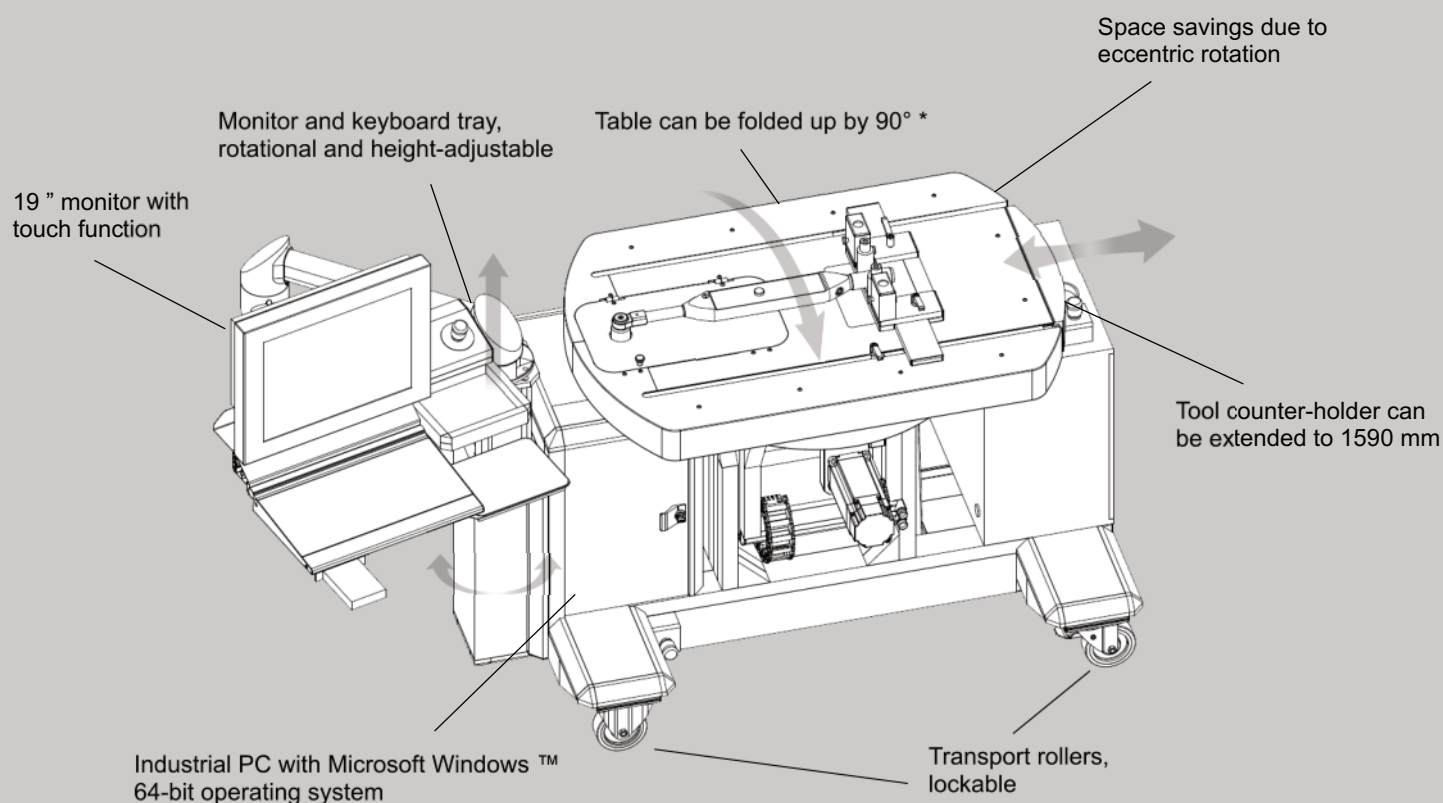
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Technical features

- Torque range (2 -1000) N•m, Class 0.2*
- Rotation angle run range $\pm 360^\circ$, positioning accuracy $\pm 0.011^\circ$
- Maximum run speed $\pm 60^\circ$ per second
- Clamping length specimen (136 -1590) mm
- Test program in acc. w. DIN EN ISO 6789 and based on VDI/VDE 2648
- Table can be rotated by 90° for investigating gravitational influences *



Camera *
for showing of tool
display in monitor
image



* optional



**Fully automatic test
sequence**
in connection with GWK
QuanTec and Operator tools
(series from 2012/2014)

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Specifications

Torque measuring chain

Accuracy class 0.2* 1x sensor 100 N•m (0,05 %) in addition to 1x sensor 1000 N•m (0.05%), replaceable, with precision amplifier (0.0025%)

Rotation angle sensor, drive

Range $\pm 360^\circ$, positioning accuracy 0.011°
Maximum angular speed: 60° per second

Ergonomics, clamping lengths, weight

Turntable diameter : 1200 mm
Working height : 1070 mm
Clamping length specimen : (136 -1590) mm
Overall weight : approx. 260 kg

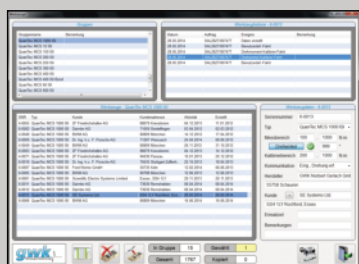
Control computer, display, supply

Industrial PC with Microsoft Windows TM 64-bit operating system
19" flatscreen with touch function
Power supply 230 VAC

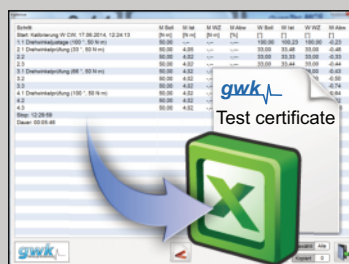


DWPM-1000 test software

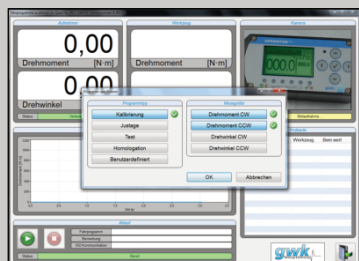
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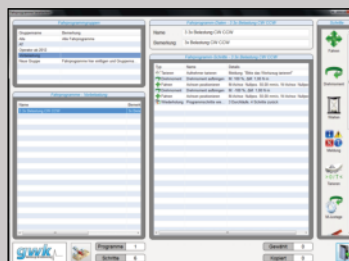
Tool database
for managing tool
data and visualisation
of testing history



Creation of test certificates
for direct output of test
certificate or export to
MS Excel [®]



Testing programs
for various tasks such as
adjustment, calibration,
homologation, initial
sample testing etc.



Run program editor
for the creation of
custom testing
and running routines

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Customer-specific production
Calibration service
Repair service

GWK Norbert Gerlach GmbH & Co. KG
fulfils the requirements in accordance
with Standard ISO 9001:2008.
Certificate DE12/81830354

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