

Quality Made in Germany

DWPM-1000[®] Testing machine

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

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DWPM-1000[®]

Testing machine



Technical features

- Torque measurement range (2 -1000) Nm, 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
- Table can be rotated by 90° for investigating gravitational influences *
- Test program in acc. w. DIN EN ISO 6789 and based on VDI/VDE 2648

Technical data

- Torque measuring chain
Accuracy class 0.2* 1x sensor 100 Nm (0.05 %) and 1x sensor 1000 Nm (0.05%),
- 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[™] 64-bit operating system 19" flatscreen with touch function
Power supply 230 VAC



Dimensions DWPM-1000[®]

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Turntable diameter [mm]	1200
Working height [mm]	1070
Specimen clamping length [mm]	136-1590
Overall weight [kg]	260

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Overview

1	Camera * or showing of tool display in monitor image
2	19 " monitor with touch function
3	Fully automatic test sequence in connection with GWK QuanTec and Operator tools (series from 2012/2014)
4	Monitor and keyboard tray, rotational and height-adjustable
5	Industrial PC with Microsoft Windows [™] 64-bit operating system
6	Space savings due to eccentric rotation
7	Tool counter-holder can be extended to 1590 mm
8	Table can be folded up by 90° *
9	Transport rollers, lockable

* optionally available



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Test software

- Tool database for managing specimen data and visualisation of testing history
- Testing programs for various tasks such as adjustment, calibration, homologation, initial sample testing etc.
- Test certificate creation for direct output of the test certificate or for export in MS Excel[®]
- Run program editor for creating customer-specific testing and running routines

