



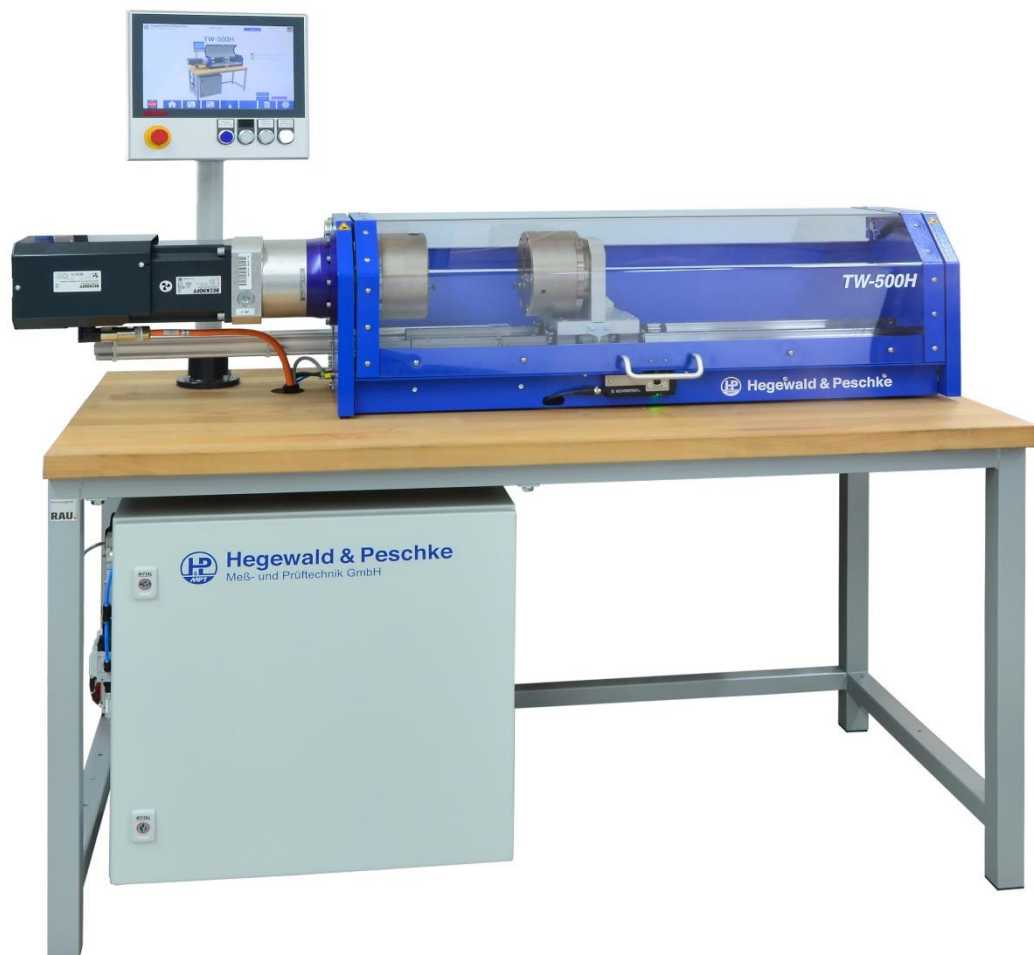
Hegewald & Peschke

Meß- und Prüftechnik GmbH

Product information

Torsion testing device TW-500H

for tests according to DIN ISO 7800



Hegewald & Peschke Meß- und Prüftechnik GmbH
Am Gründchen 1, 01683 Nossen, Germany
Telephone: +49 35242 445-0, Telefax: +49 35242 445-111
E-Mail: info@Hegewald-Peschke.de
<http://www.Hegewald-Peschke.com>

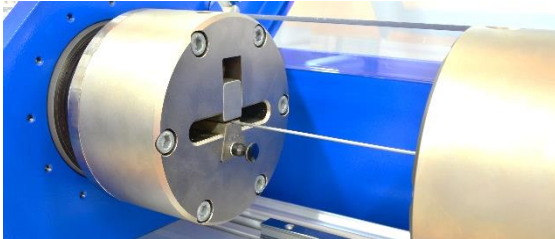


Field of application:

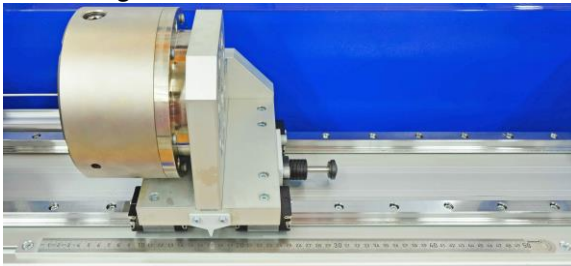
- Simple torsion test on metallic materials according to DIN ISO 7800*

Advantages:

- **Compact complete system**
 - Fixed work table with integrated control unit
 - Robust industrial control
 - Automatic breakage detection by the control system
 - Indirect torque measurement via motor power
- **User-friendly operation via touch panel**
 - Simple test configuration
 - Interactive user guidance based on the standard-based test sequence
 - Fast test execution based on templates
 - Export of test results as CSV
- **Industrial safety standard**
 - Safety door electrically closed and interlocked (PL_d)
 - Safe stop (STO) with open safety door
 - Pneumatic pressure release (PL_c)
- **Easy clamping of the wire specimens with optimized specimen holders**



- **Simple adjustment of the clamping length via scaling in the machine bed**



Technical data:

Rotation speed	0.1 – 120 r/min (to 2 r/s)
Max. torque	500 Nm other load levels on request
Angle of rotation resolution	±0.2°
Specimen diameter	0.5 – 10 mm
Max. free length between tool connections	750 mm
Dimensions (WxDxH)	1500x700x1300 [mm]
Weight	250 kg
Electrical connection	3NPE 400 VAC, 4.0 kVA, 50 Hz, Pre-fuse 16 A
Pneumatic connection	Compressed air 6... 10 bar; compressed air quality acc. to ISO/DIS 8573-1 (residual oil content better than class 2; residual dust content better than class 3; residual water content better than class 4)
Operating environment	+10°C to +30°C, 20 - 80 % Humidity, installation up to 1000 m above sea level

Necessary accessories:

- Clamping for wire specimens (*item no.: 42-031-687*)

Optional accessories:

- Display protection foil (*item no.: C9900-T238*)
- Hand scanner for automated import of the specimen data (*item no.: HD3430-BKK1S*)

* Setting up a test procedure based on another test standard on request (e.g. DIN EN 10270.1)

