



TTT Tapping-Torque-Testsystem
Laboratory "screening- and analysis"
system

System- and -place requirements

TTTsystem / WinPCA3

Delivery volume:
USB-Stick or CD or DVD
Soft key (FAX / email)
1 serial cable and USB-RS232-Converter

Installation / System requirements

- IBM-compatible computer: INTEL Pentium or higher
- hard disk with min. 50 MB available memory space
- Monitor with 1024 x 768 or better resolution
- 256 MB of RAM or higher
- Microsoft Windows
Version Windows Windows 2000-SP4 / XP-SP2 / Vista

TTTsystem / labtap G8

1. Supporting surface specifications
 - minimum load capacity 67 N/m² (137,23 lbf/sq ft)
LxWxH: 700mm (1150) x 720mm (770) x 900mm (1200)
2. Further important requirements:
 - electric mains supply 230 VAc ± 10 %, 50/60 Hz
 - Max. allowable surface level tolerance 3 mm/m²
 - vibrationless
 - interferenceless (HF emissions)
 - free from local directional heating or cooling
(from radiators, draft air etc.)
 - ambient room temperature must not exceed 30 °C
 - relative humidity must not exceed 80%

ZAP connection feeding system

3. a service supply of compressed air
(for accessory ZAP)
 - water- and oil-free
 - minimum pressure 4 bar
 - maximum pressure 8 bar



TTT Tapping-Torque-Test

System- Place requirements

TTTsystem / MPT
 Integrated controlled manual
 X-Y positioning table
 Technical data
 Model

- integrated X-Y workpiece positioning table
- Designation matrixtap

Machine data

- Clamping electrical magnets
- Operating voltage, frequency 230V, 50/60Hz
- Power consumption 25W

Adjustable taken off roller guides

- X- axis 4 sledges
- Y- axis 4 sledges

Envelope

- X- axis 350 mm
- Y-axis 180 mm

Dimensions

- L x W x H 680 x 560 x 195 mm
- Working area L x W 600 x 250 mm
- T-slot sliding blocks 8 mm
- Weight 35 kg

TTTsystem / Packing data

Dimensions LxWxH weight incl. packaging

Machine head

700 x 400 x 410 mm 31,6 kg

Column

960 x 255 x 335 mm 14,8 kg

MPT

800 mm x 783 mm x 326 mm 39,0 kg

Test material

300 x 300 x 200 mm depends on material

Note

The system will be delivered with a main plug German standard (Schuco). Please make sure that you have an adapter to connect the plug to your power system.

ZAP pneumatic spindle feed system is equipped with a hose 4/6 mm and a quick clutch with diameter 12 mm to connect it to your compressed air system. A service supply of compressed air (water- and oil-free, minimum pressure 4 bar, maximum pressure 8 bar) is needed.

The delivery includes the software WinPCA3, please install this on your computer like mentioned in the "help.txt" file. After installing send us by fax or email the 8-digit ident number, generated by your computer, that we can give you the software key.

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