



## TTT - Tapping-Torque-Testsystem

### System- Place requirements

#### WinPCA3

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

#### Installation System requirements

- computer IBM-compatible: INTEL Pentium or higher
- hard disk with min. 50 MB available memory space
- Monitor with 1024 x 768 resolution or better
- 256 MB of RAM or higher
- Microsoft Windows Version Win XP-SP3/Win7-32/64

#### labtap G5, -G8

#### Supporting surface specifications Further important requirements

1. Supporting surface specifications
  - minimum load capacity 67 N/m<sup>2</sup> (137,23 lbf/sq ft)
  - total volume (L x W x H) 1470x1320 x min. 1600 mm
2. Further important requirements
  - electric mains supply 230 VAc ± 10 %, 50/60 Hz
  - Max. allowable surface level tolerance 3 mm/m<sup>2</sup>
  - 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%
3. a service supply of compressed air (for accessory ZAP)
  - water- and oil-free
  - min. pressure 4 bar, - max. pressure 8 bar

#### Integrated manual positioning table MPT

Type  
 Model

- integrated manual workpiece positioning X-Y table
- MPT - matrixtap

Machine data

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

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

Adjustable taken off roller guides

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

Envelope

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

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## TTT - Tapping-Torque- Testsystem

### System- Place requirements

TTTsystem packaging data	Dimensions (LxWxH)	weight incl. packaging
Machine head labtap G5	585 x 355 x 360 mm	21,5 kg
Machine head labtap G8	700 x 400 x 410 mm	31,6 kg
labtap G5 column	960 x 255 x 335 mm	13,4 kg
labtap G8 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 test material

**Note** The system will be delivered with a main plug german standard (Schuco). Please make sure that you have an adapter available 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 required.

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 the 8-digit ident number, generated by your computer, that we can give you the software key.