



**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 Windows Windows 2000-SP4 / XP-SP2 / Vista

labtap G5, -G8

Supporting surface specifications
Further important requirements

1. Supporting surface specifications
labtap G5
 - minimum load capacity 67 N/m² (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/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%
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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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 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 the 8-digit ident number, generated by your computer, that we can give you the software key.