

## TTT Tapping-Torque-Testsystem

Laboratory "screening- & analysis"  
measurement system

### Technical data

#### Measurement capacity labtap G8

Testbars-Material / Forming and Cutting

#### TTT\_Methodology

Spindle speed range RPM

Measurement depth depends on TTTmethods

Column with hand crank

Spindle/worktable distance max.

Width / depth / height

Mains voltage / power consumption

### TTTsystem - labtap G8 / ZAP / MPT / WinPCA3-SW

50 – 700 Ncm / M4F/S / Special thread measurement tools

Aluminium / Carbon and Stainless Steel / INOX / Titan grade 5

Recommended TTT-tools M4F (forming) and M4S (cutting)

300 - 3000 RPM / infinitely variable / from 470 Ncm max. 2060 RPM

6 – 8 – 12 mm

750 mm adjustable

0 - 400 mm distance

320 / 475 / 1290 mm

230 Volt / 50 - 60Hz / 2900 Watt

2 –5 bar / Hose 4/6 mm without service unit

250 x 600 mm with 8 mm T-nut incl. fixing equipment

with 2 special auto-start control functions for exactly handling and system-start for faultless measurements

CE / EMV conform (GS Certification Germany)

I/O parallel / galvanic isolated / PLC-compatible

RS232 (V24) 9600 Baud / galvanic isolated

RAL 1015 bright ivory

Menu driven / PC with WinPCA-software

Acoustic alarm / I/O / RS232 / display with error message

Language selector D/GB-E/F/NL/B/DK/S/I

Metric / Inch selector for tool-size and depth of measurement tableau

Ncm torque control setting / Mz min. – max. (torque-window)

Fast, normal and slow reverse speeds / Right or left-hand drive

Automatic start programs with position depth control and controlled fixing

Pneumatic feeding force FZ with start sensor

Variable automatic chip clearance parameter / settings

Program for lubricant control with pulse and time-flow (for MMS)

Program for measurement-tools (cutting and forming and special-tools)

Program for thread inserts & -sockets / Program for screw setting

Program for motor continuous running left/right i.e. sinking / second drilling

I/O port for automation / instep-stick / cylinder / 24V/DC

**PC-Screening & analysis software** for comparative value observation

with allocated storage of definable series of measurement plus an analyser for individual analysis including flexible differentiations of various single- and series of measurement results etc.pp.

Collet chuck incl. collet for TTT-tool / range 5-4 mm (SZS1)

On site 1-2 day training on request / recommended

Multiple special-boxes 450,00 €

[General delivery conditions](#) of microtap GmbH

Ex work, excl. packing, without sales tax

Payment in advance

24 months

Approx. 4-8 weeks after incoming order

Reservations

microtap GmbH / TTTsystems - when monitoring lubricants

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#### TTT\_Software WinPCA3

#### Measurement-tool-holder system

#### Delivery and training

#### Packing

#### Conditions

Pricing €

Payment terms

Warranty

Delivery terms

Alterations

[info@microtap.de](mailto:info@microtap.de)

TTT\_System-G8E.doc