

Tapping Torque Test System

Thread tapping machine with WinPCA – Data Acquisition Software

labtap II G8 with certified motor and electronic system



Thread cutting capacity

(DIN13, sheet.34 / 1,2 x D)

Torque range

Spindle speed range

Thread depth / stroke max

Column with hand crank

Base plate / 2xT-Nut / PG6

Distance spindle to column.

Tapered shaft / spindle

Width / depth / height

Power supply requirements

Compliance to safety regulation

Automation interface

Serial interface

Finish

Operation

Error messages

LCD Display and Menu Driven

Software - includes

M2.5-M8 (#3–5/16) X5CrNi189 / Stainless Steel

M2.5-M10 (#3-3/8) 9sMn28 / Carbon Steel

M2.5-M12 (#3-7/16) AlCuMgPb / Al Alloy

50-700Ncm(470Ncm max above 2060RPM)

300 - 3000 RPM infinitely variable

75 / 80 mm (2.95 / 3.15 Inch)

750 mm (29.5 Inch)

288 x 475 x 50 mm/ M12x14 DIN650/ G1/4

(11.34" x 18.7" x 1.97") / for 1/2" T-slot bolts

400 mm (15.5 Inch)

B12

320 / 470 / 1290 mm (12.6 / 18.5 / 50.8 Inch)

230 volt, 50/60Hz, 1 phase, 2900 Watt

- CE, EMV conformity

- PLC compatible, parallel I/O with 4 relay

outputs and 2 start inputs, isolated

- RS232 (V24) 9600 Baud, optically isolated

- RAL 1015 bright ivory

- Menu driven or with WinPCA Software

- Audible alarm, display, and RS232

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

- Torque display and setting for min/max

- Right or Left hand threads

- Fast, normal, and slow reverse speeds

- Lubricator control with pulse & timed flow

- Variable chip clearance function

- Automatic start, position and depth control

- User data storage for 40 part parameters

- Single and total thread counter

- Cutting force start sensor with optional ZAPtap

feeding system for automatic start

- mm/Inch and metric/UNF-UNC selection

- Program for thread cutting and forming

- Program for thread inserts (Ensat/Helicoil)

- Program for screw setting

- PC-Control and Data Acquisition Software

- Mean torque value and StdDev computation

- Automatic data storage of test results

WinPCA – Software

through RS232 port - includes

Insert holder

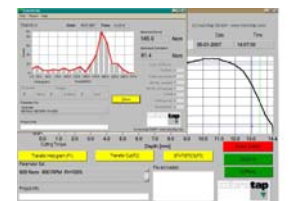
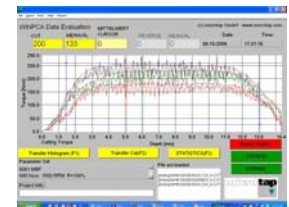
Quick change holder system

Standard inserts No. 0-6, 8, 10, 1/4, 5/16"

Price ready to operate



labtap G8



WinPCA

ZAP-tap

pneumatic **Z-Axis** spindle feeding system
integrated machine controlled feeding system
for thread tapping with footswitch and automation.

air pressure

4-6 bar / 60-90 PSI

air connection

4/6 mm



Price

LabtapG8

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