Thread tapping machine

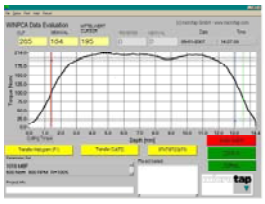
options for quality assurance and analysis

Accessories

microtap II & **mega**tap II

WinPCA

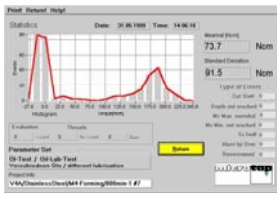
WinPCA - PC evaluation program
Thread tapping with reliable quality assurance including all statistical data and documentation graphs.



The cutting process

On the production line:

- ✓ for establishing optimum operating values before a production run
- ✓ for quality control during production. If quality moves outside limits, production can be stopped automatically
- ✓ for failure modes and effects analysis
- ✓ for economic production in accordance with ISO 9000 (BS 5750) requirements, complete with QA documentation and certificates
- ✓ for thread cutting and forming, 100% control of quality is maintained

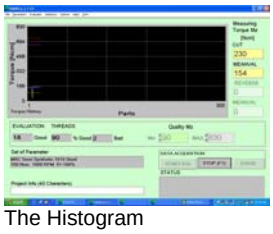


The Statistics

For manufacturers of taps and lubricants:

to establish the optimum operating parameters for better products

- ✓ to optimize the operating parameters to ensure the desired tool life and the production of threads within ISO quality limits
- ✓ to record applied torque and tapped depth for all threads and to evaluate the results statistically
- ✓ to identify and rectify potential faults (such as cold welds) by measuring increase in torque due to worn taps or lack of lubricant
- ✓ to ensure correct tapping by monitoring torque values to stay within preset limits
- ✓ to evaluate the effectiveness of lubricant, tool geometry and coating as operational factors



The Histogram

All displayed data can be automatically stored and may be printed out on an associated printer as documentary evidence, or can be further processed with a spreadsheet program.

Price **Call**

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print-tap — integral document printer

print parameter set
with parameter name from memory

quality — Single and total thread counter
with good / bad counter

options — total overview or documentation every cut

Price **Call**

PC-tap with installation — Laptop or PC including Windows and **Win**PCA software, for use with **X-Y-auto**tap for machine programming and positioning

Price **on request**

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