

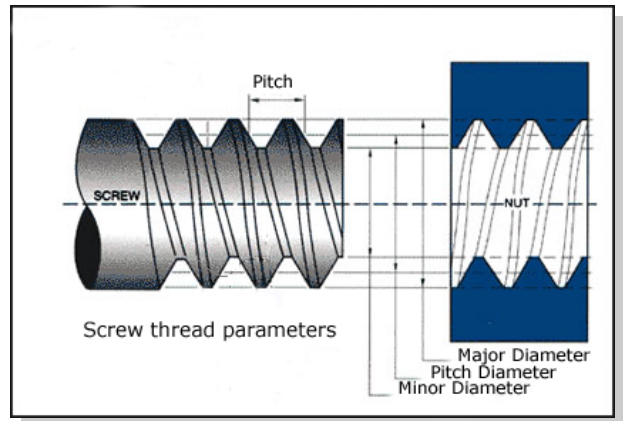
Automated screw thread quality inspection



ORLIN Technologies present the automated screw thread inspection system from SMAC, based on their range of linear / rotary moving coil actuators.

Automating the tried and tested thread gauge method, the SMAC solution can automatically check for:

- ✓ Minor diameter
- ✓ Major diameter
- ✓ Pitch diameter
- ✓ Pitch
- ✓ Foreign objects (e.g. broken tap, swarf etc)
- ✓ Double tapped thread
- ✓ Thread depth
- ✓ Missing threads
- ✓ Cylindricity



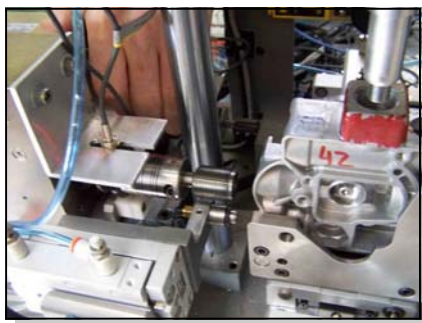
The system can be used with blind or through holes, internal or external threads. It is easily incorporated into a production environment to give definitive pass/fail checks of thread quality at high speed and low cost.



Aluminium casting awaiting thread check

SPC data acquisition for process control means that tool wear becomes apparent sooner, increasing quality of all of your parts.

All of this translates to higher throughput, lower costs and increased customer confidence.



In-line thread check station

For more information or for a demonstration at your premises, please contact:

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