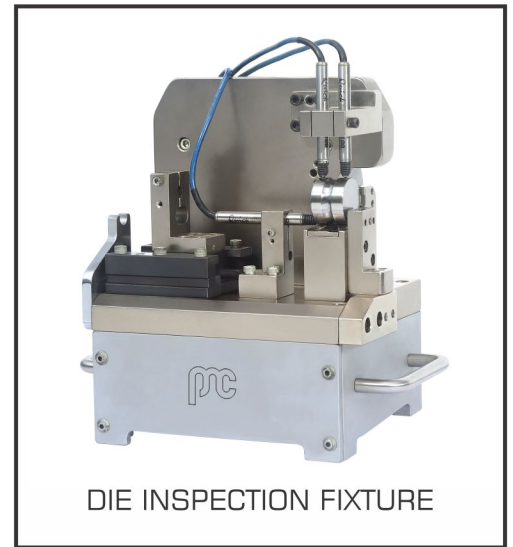
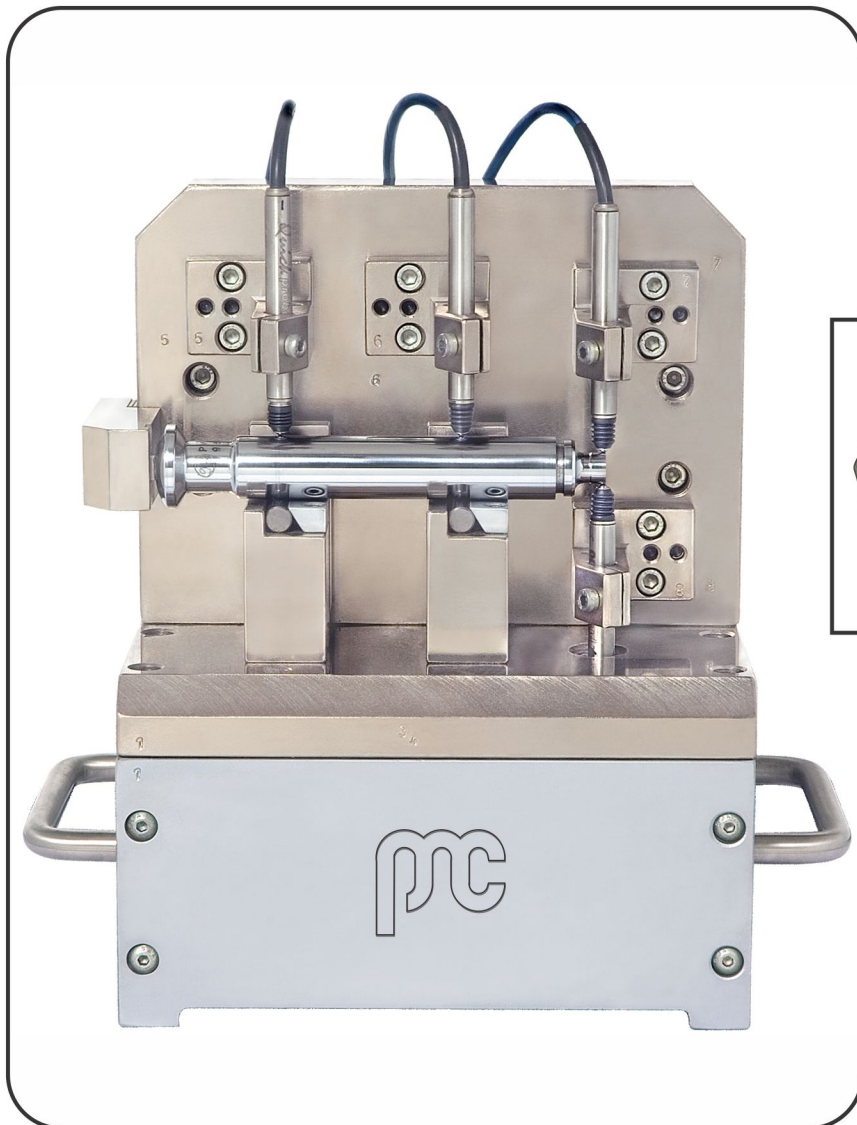




AUTOMATIC PUNCH & DIE INSPECTION

The Automatic Punch & Die Inspection system allows you to measure, record and monitor your tooling to ensure trouble free and consistent production every time. Unlike conventional checking equipment this system minimises errors caused due to human involvement. It is also a faster and more accurate inspection system.



DIE INSPECTION FIXTURE



DIGITAL MICROMETER



PUNCH HEIGHT

Benefits:

- Consistent measurements are taken with repeatability of 2 microns
- Traceability of data
- Minimum tooling knowledge is required by the operator.

Dimensions Checked

Punches

- Total Height & Working Length
- Body Size, Ovality & Taper
- Tip Size & Ovality
- Tip to Body Concentricity

Dies

- Die OD, Ovality & Taper
- Die Height
- Die ID to OD Concetricity (Optional)
- Die ID Taper (Optional)

Features

- User-friendly software interface
- Flexibility to generate customised report
- Measured values can be presented in multiple formats: numeric, bar indicators, full SPC data, histograms, XR charts. This assists in data interpretation.

Technical Details

- Three different fixtures: 2 for Punch & 1 for Die
- High Accuracy LVDT probes: 0.10 micron resolution
- Digital Dial Gauge: 0-12mm
- Digital Micrometer: 0-25mm
- All contact surfaces are made of replaceable Tungsten Carbide parts
- Standard masters for D, B & BB tooling



*Specifications subject to change without notice

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