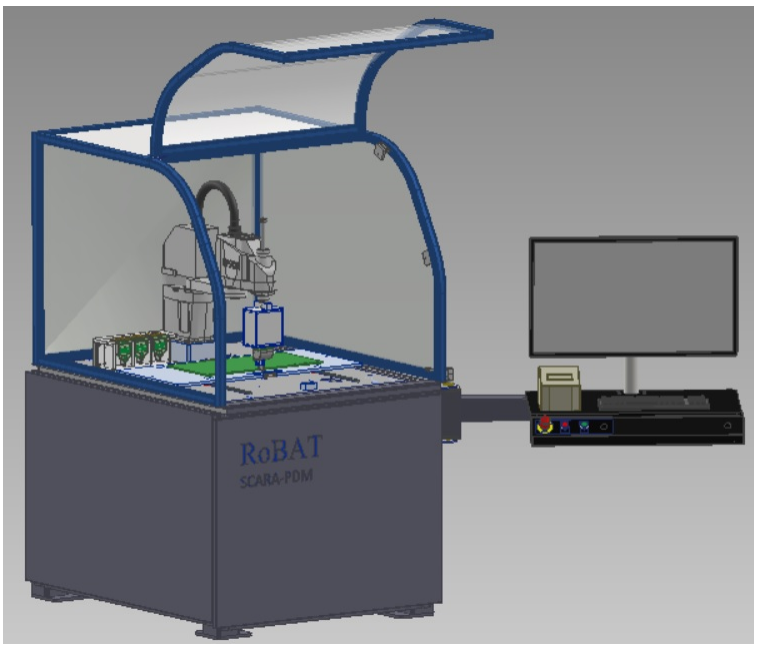
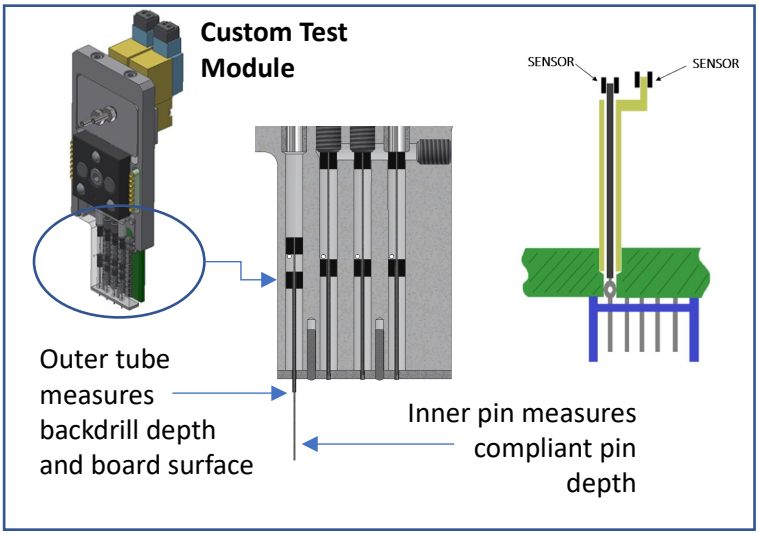
Introduction

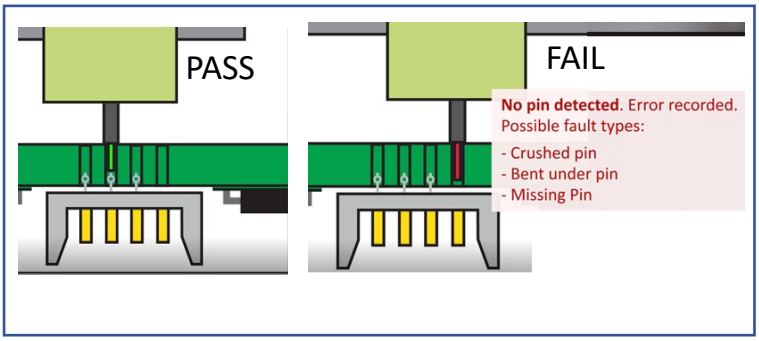
Compliant Pin Depth Machine
for both Backplanes and Linecards.
The real alternative to X-Ray
for single/double-sided assemblies



Key Features

- Detects bent under, missing and crushed pins in backplanes and linecards
- Pin length calculation accuracy +/- 0.05mm (incl. board thickness compensation via Laserblade machine)
- Maximum board size: 520mm x 545mm (tested in two passes)
- Maximum board thickness = 10mm
- Very low false call rate – target <1:500,000
- Can detect mispressed connectors
- Automatic tool changer
- Custom test modules for different pitch connector footprints
- Can measure backdrill depths in both bare and assembled boards
- Camera for PCB alignment and XY hole location
- Different pin diameters to detect very small compliant pins for high speed connectors and larger complaint pins for power connectors
- Different diameter tubes for backdrill depth measurement
- Very cost effective solution





RoBAT Ltd.
Unit 2, Snape Road, Macclesfield, Cheshire SK10 2NZ
t: UK +44 (0) 1625 443 210
t: USA +1 (518) 406 3358
t: China + 86 (0) 512 6516 8690
e: sales@robatuk.com

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