

OUR FP8-MATIK

AUTOMATIC FLYING PROBE TESTER



Circuit Line Technologies specializes in PCB electrical validation with an entire line of flying probe testers, all possessing unbeatable quality and digital CNC performance:

- Max. board thickness0.2"
- Min. board thickness0.015"
- Resolution x/y0.00012"
- Min. Pad size0.0015"
- Min. Pitch size0.004"
- Test voltage20 - 1000V
- Continuity test..... Resistance / Discharge
- Isolation test..... Resistance / Discharge

Engineers' note: 100% netlist testing

Buyers' note: Never any fixture fees

ACCUSCORE AS 150 MAX

CNC "Jump" V-Scoring Machine



Our *Accu-Score AS-150-MAX* V-Scoring Machine is designed to score continuous and segmented ("jump") v-grooves on one or both sides of any type of PC board substrate.

PRODUCT SPECIFICATIONS

- 'Y' Axis Positioning Resolution $\pm 0.000050''$
- 'Y' Axis Positioning Accuracy $\pm 0.0004''$
- 'Y' Axis Score to Score Accuracy $\pm 0.002''$
- 'X' Axis Positioning Resolution $\pm 0.0002''$
- 'X' Axis Positioning Accuracy $\pm 0.005''$
- 'X' Axis Jump Score Accuracy $\pm 0.100''$
- 'Z' Axis Positioning Resolution $\pm 0.000050''$
- 'Z' Axis Positioning Accuracy $\pm 0.0001''$
- 'Z' Axis Scoring Accuracy $\pm 0.001''$

www.accusystemscorp.com/as-150-max

Circuit Connect

READY-TO-ASSEMBLE | USA MADE
BARE PRINTED CIRCUIT BOARDS

100% digital
MANUFACTURING
FABRICATION | IMAGING
OPTICAL INSPECTION AND
NETLIST ELECTRICAL TEST



Above: The ATG 5 Neo, our newest flying probe

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SPRINT™ DIGITAL LEGEND PRINTER



Powered by **Orbotech DotStream Pro Technology™**, Sprint systems deliver cost-effective, top quality digital inkjet printing for a consistently accurate production of even the most advanced legend designs to meet any order volume need. Features and capabilities include:

- High volume production with top quality and digital accuracy.
- Uniform printing on challenging surfaces and thick copper traces: lines and spaces down 0.003", and characters even below 0.020" high.
- Unparalleled fine feature sharpness and readability.
- High Depth-of-Focus (DOF) of 1.5mm
- Registration accuracy of ± 0.0014 .
- A wide range of panel thicknesses - from 0.004" up to 0.295" .
- Human-reading PCB serialization plus bar code and QR-Code enabled.

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Our **PHOENIX** AOI



The **Phoenix AOI** is CIMS' latest generation of AOI systems, designed to support HDI and multilayer PCBs with digital scan resolution down to 30 μm line/space width.

Equipped with state-of-the-art digital acquisition capabilities, the Phoenix is renowned for exceptional detection.

Circuitry Validation and More:

- **+2DM METROLOGY** – PCB feature measurements within the panel.
- **+2CD METROLOGY** – 2D measurement of circuit features verified to your original source data.
- **Fi** – Final inspection of completed PCBs

<https://www.cims.com/phoenix-hdi/>

Circuit Connect Inc. installs third Digital Imaging System

excerpt from [us-tech.com](https://www.us-tech.com)

Technica USA reported that Circuit Connect Inc. (CCI) recently installed their CBT digital Direct Imaging system.

Rick Clutz, CEO, Circuit Connect Inc. stated, "Our business keeps growing and it is requiring us to expand our capabilities. The first DI imaging technology we installed from Technica made dramatic improvement to our PCB manufacturing operation. The addition of the second CBT DI system, as well as other strategic capital improvements recently made, has created a 'completely digital manufacturing process' here at Circuit Connect ensuring our customers that

their products will be produced with the highest level of quality, reliability and repeatability."

