

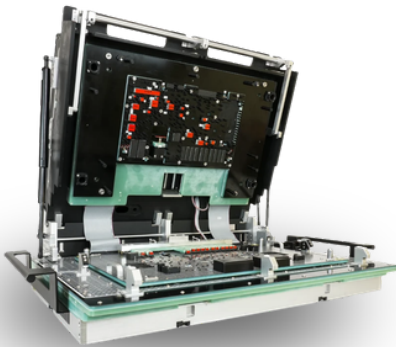
 FORWESSUN
Defence & Aerospace
Test Guide



Defence & Aerospace Capabilities



At Forwessun, we're proud to support the medical industry by delivering reliable, innovative test solutions. Our expertise in medical device testing ensures that critical electronics perform flawlessly, giving manufacturers confidence that their products will deliver consistent performance in the field.



IN-CIRCUIT

A custom-built HP3070 ICT test fixture, designed with a Vortex-cooled, pneumatic dual-stage setup. Featuring 3-axis nanovtep access to the UUT and an array of megafinns, it supports high-accuracy probing. The fixture base uses our Xprobe Wireless system, complete with integrated relays, resistors, clock dividers, and multiple programmers.



FUNCTIONAL

For this project, the client needed to adopt a dual-well structure for their test fixture. This allowed the Unit Under Test (UUT) with a larger than normal handling time to not impact their overall productivity. The design enables the operator to experience less downtime and utilise the test system more effectively throughout the working shift.

CUSTOMISATIONS

Board Catching

Dual Well Test Fixtures

ZeroFlex Board Support

Auto Opening Fixtures

Auto Closing Fixtures

Socketless Fixtures

Dual Stage Methods

LED Testing

Probe Guidance

Board Marking

Programming

Vectorless Testing

Automatic Scanning

Alumalift Compatability

UUT Cooling

Relay Cards

Safety Features

Loopback Connectors

Physical Strain Gauge

Mechanical Detection

Clock Measurement