



## APT-9401SL

### product overview

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We are proud to introduce Takaya's latest contribution to the world of fixtureless test...the APT-9401SL. With the ability to accept a board as large as **25"W x 26"L**, the APT-9401SL is designed to meet the needs of the most demanding test applications.

Except for a larger test area and a slight increase in the minimum probe contact pad size, the APT-9401SL boasts the same specifications as the [APT-9401](#).

Standard APT-9401SL features...

- Four independantly moving topside probes
- Two adjustable bottomside probes
- Ability to perform 4-wire Kelvin measurments
- Capable of applying 4 guard points per step
- Test speeds of up to .03 seconds per step (standard machine)
- Quiet operation

If you desire more advanced testing, several options are available which will enhance the overall effectiveness of the Takaya.

- VXI measurement unit
- 64 channels available for test-bed accessories
- IC-Opens unit (open pin checker)
- Power relay boards (for power up testing)
- Vacuum unit (used with warped boards)
- And more...

In keeping with their reputation for quality, Takaya uses only the most reliable ball screw and slide rail mechanisms which have been designed for accuracy, stability and durability. This attention to detail is a major factor leading to the system's superior positioning performance.

- Repeatability of +/- 50 microns or less

- Positioning resolution of 2.5 microns
- Minimum probe contact pad size approximately 240 microns
- Minimum pitch of 0.18mm between probe pins
- Granite base reduces vibration thereby providing increased accuracy

The user friendly Windows NT based software was designed with the user in mind, so that even a relatively inexperienced person can quickly learn how to operate the tester.

- Sophisticated display and advanced edit and debug functions
- Programmable high-fly zones
- Review and adjust test steps quickly and easily
- Full networking capabilities
- Multi-level password protection

Using the latest Cognex image processing technology, the optical recognition system (optional) provides test coverage for components that cannot be measured in-circuit. The vision system gives you the ability to detect:

- Backwards tantalum capacitors
- Mis-placed components
- Part numbers
- And more...