

RTI PRODUCT SOLUTIONS



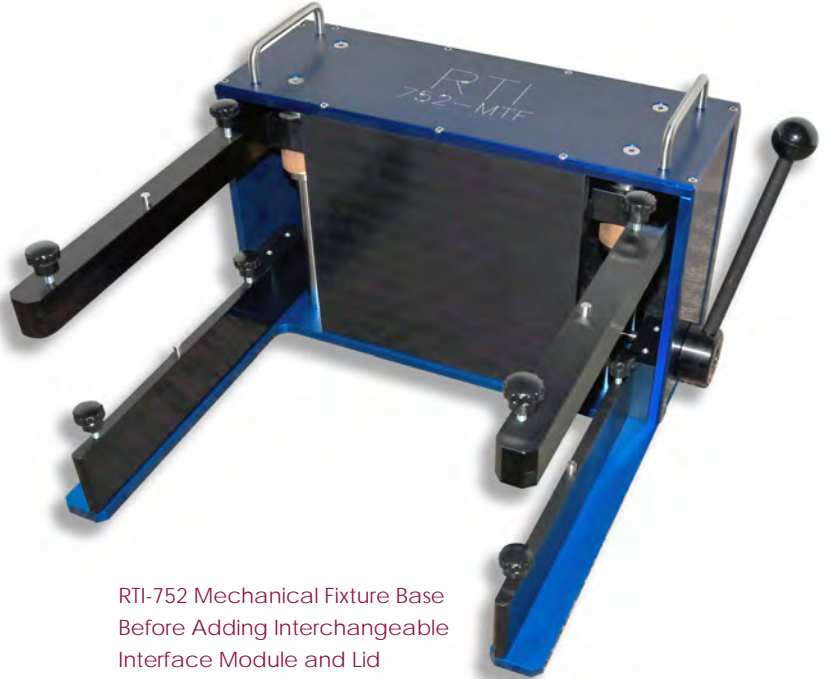
752 Series - Vertical Compression Fixture for module and touch sensor test

PRODUCT OVERVIEW:

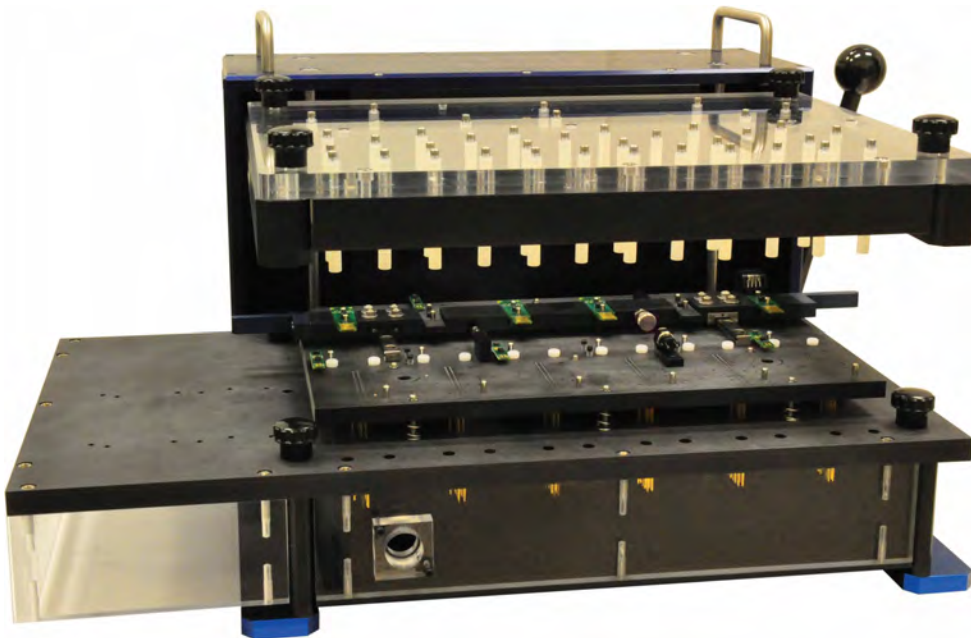
RTI's 752 series benchtop manual test press consists of a durable steel and aluminum fixture base and interchangeable interface platforms. This press is ideal for larger pin count devices, glass touch sensors and PCB module testing. It offers multiple test sites for improved throughput and a variety of customizable contact methods.

PRODUCT FEATURES:

- ◆ Single fixture base works with multiple interface platforms for different projects
- ◆ Glass touch sensor contacts simulate the human finger
- ◆ Multi-test site interface modules
- ◆ Room for driving components and other active circuitry
- ◆ W:15" H:10" D:16" fixture base offers 4" of vertical travel



RTI-752 Mechanical Fixture Base
Before Adding Interchangeable
Interface Module and Lid



6 site track sliding
interface module
with extended platform

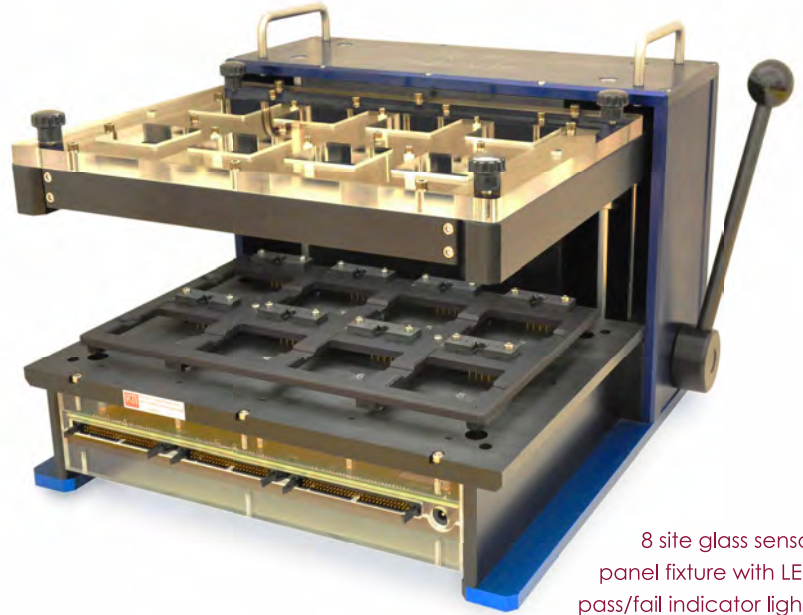
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MULTI-SITE TEST FIXTURE FOR GLASS SENSOR MODULES

PRODUCT OVERVIEW:

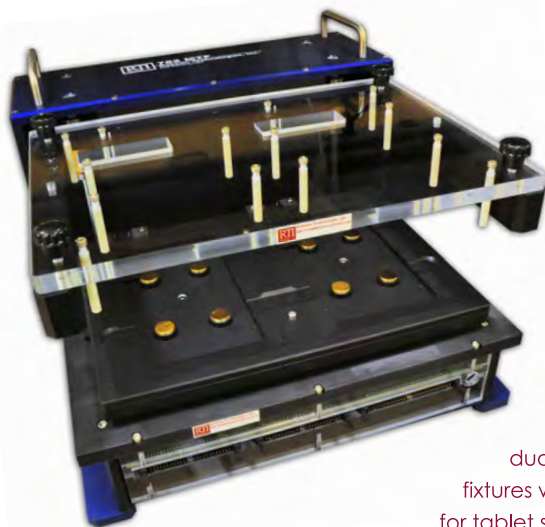
RTI's 752 series bench top test fixture is ideal for multi site testing of glass and touch sensor modules. The complete fixture provides the contact interface for testing glass panel sensor modules but requires external test electronics to provide the stimulus required for complete sensor testing. Small spring pin blocks make contact to bare pads on flex PCB while a floating tray holds the glass in place. Openings in the lid provide access for human stimulation or floating gold plated aluminum pads can be installed in the fixture base to simulate multi-touch human interaction.



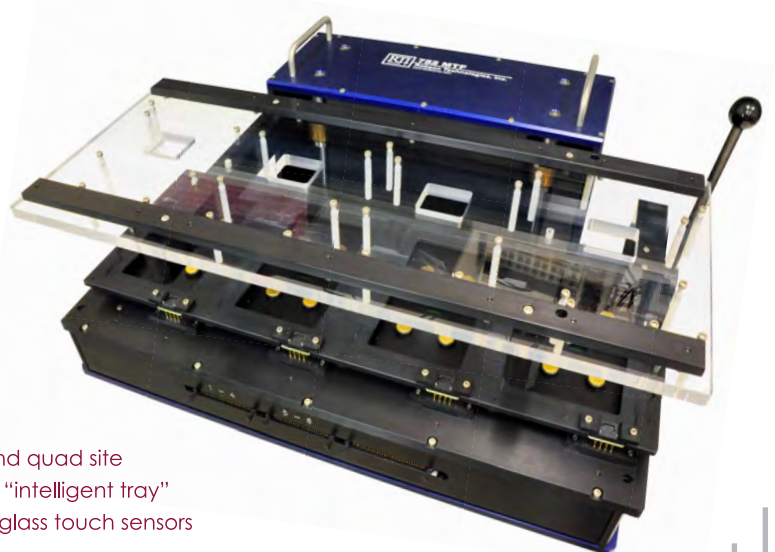
8 site glass sensor panel fixture with LED pass/fail indicator lights

GLASS SENSOR FIXTURE FEATURES:

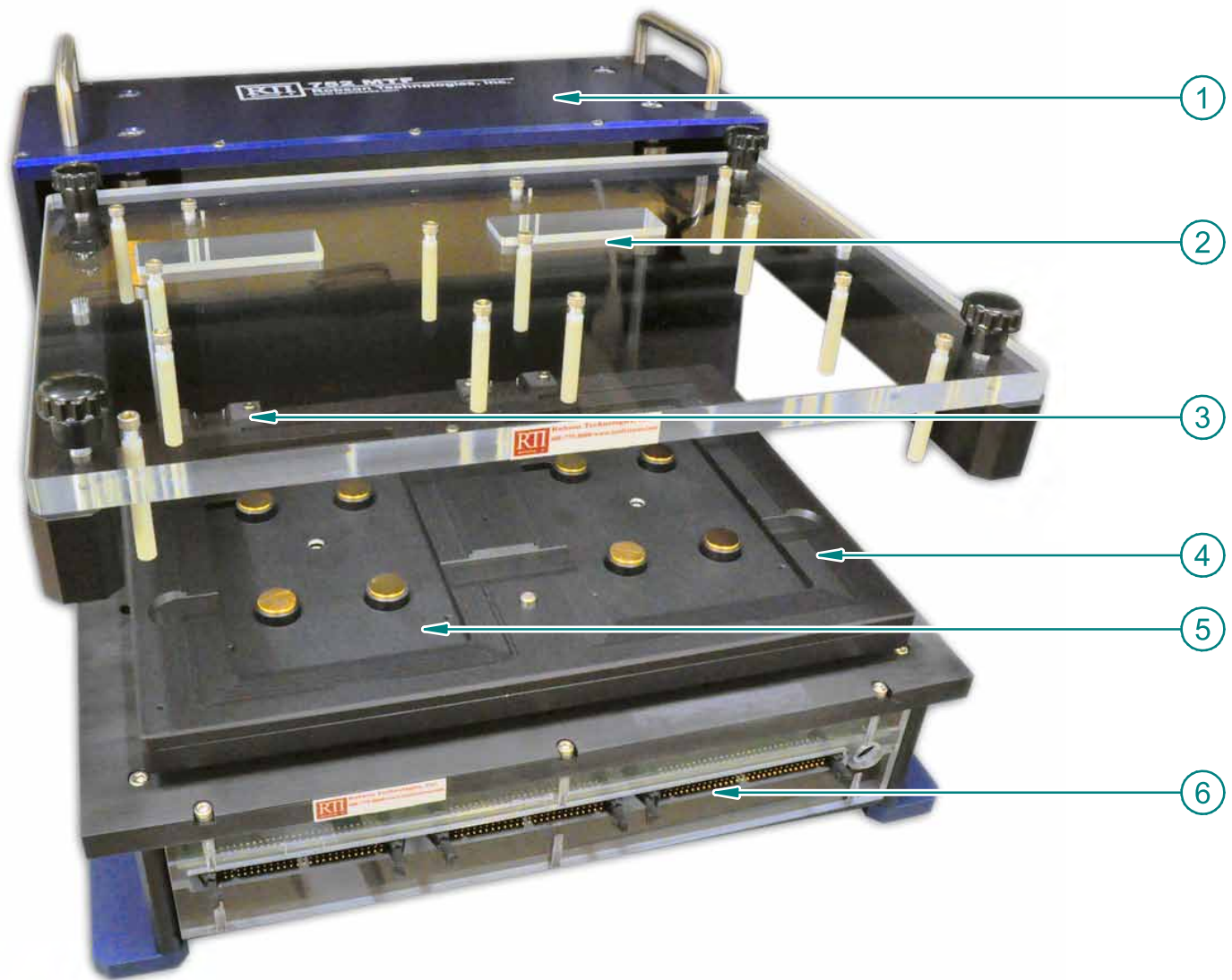
- ◆ Standard mechanical fixture base with interchangeable interface modules.
- ◆ Touch Adaptor plate provides contacts to emulate human interaction.
- ◆ Multiple connector types available for interfacing with tester/measurement system.
- ◆ LED pass/fail indicator lights installed below glass for easy test result feedback.
- ◆ Drop-in spring pin blocks on the floating tray can be customized and positioned to accept a variety of sensor footprint designs.



dual and quad site fixtures with "intelligent tray" for tablet size glass touch sensors



MULTI-SITE TEST FIXTURE FOR GLASS SENSOR MODULES



GLASS SENSOR FIXTURE COMPONENTS:

- (1) RTI 752 standard mechanical test fixture assembly.
- (2) Customized interchangeable lid with cutouts for manual access to UUT.
- (3) Customized spring pin blocks designed for the footprint of the electrical contacts on the UUT
- (4) Multi-site floating “intelligent tray” holds glass in position relative to spring pin blocks (3)
- (5) Touch adaptor plate with floating gold plated aluminum pads to simulate human contact (optional)
- (6) Connectors to external test electronics. Part of an interchangeable test bed that mates with (1)