

## Measurement Systems

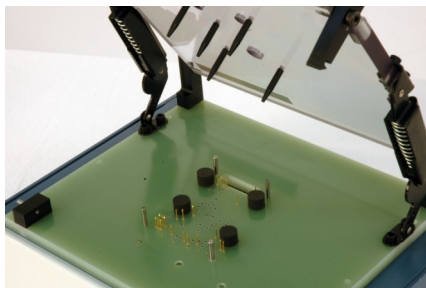
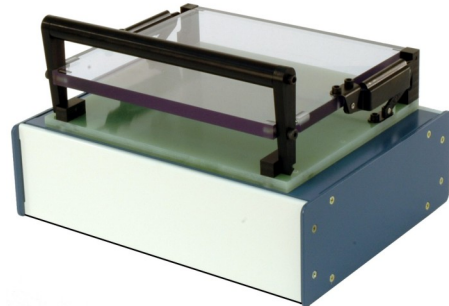
### Overview

The Versi-Traq Test Fixture is an inexpensive Clamshell Bed-of-Nails fixture for use in custom test systems. The Test Fixture can be mounted on a Versi-Traq Base Enclosure or on a customer supplied enclosure. The bare Versi-Traq Test Fixture is supplied undrilled.

### Versi-Traq Design Guide

Whether you are purchasing a bare Versi-Traq Test Fixture, a Ready-to-Wire Test Fixture, or a Wired-and-Tested Test Fixture, the Versi-Traq Design Guide provides the design information you need to build or specify the Test Fixture and design the circuit board so it can be tested.

Download the [Versi-Traq Design Guide \(DOC-00038\)](#) for more information.



### \*Ready-to-Wire

When purchasing Versi-Traq Test Fixtures, most customers prefer that Automatiq provide a complete Ready-to-Wire Test Fixture with holes drilled, pogo pins, guide pins, foam spacers, and push pins installed, and the Test Fixture mounted on a Base Enclosure. All this can be done with the Gerbers, a test point list, and a sample board. Fill out and submit the [Request for Quotation form \(SMD-00026\)](#) for a fixed price quotation.

### \*Wired-and-Tested

Automatiq can also provide the Versi-Traq Test Fixture with wiring from the sockets wired and tested. Fill out and submit the [Request for Quotation form \(SMD-00026\)](#) for a fixed price quotation.

### \*Bare Versi-Traq Test Fixtures

The Versi-Traq Test Fixture Clamshell Bed-of-Nails is available in various sizes. Ready for drilling. Requires Base Enclosure.

- **Standard Versi-Traq Test Fixture** 8.3" deep by 10.0" wide:

Part Number: ASY00023.02  
Price: \$400.00
- **Wide Versi-Traq Test Fixture** 8.3" deep by 14.0" wide:

Part Number: ASY00023.03  
Price: \$500.00
- **Extra Wide Versi-Traq Test Fixture** 8.3" deep by 16.0" wide:

Part Number: ASY00023.04  
Price: \$550.00
- **Deep Versi-Traq Test Fixture** 12.0" deep by 10.0" wide:

Part Number: ASY00023.12  
Price: \$600.00
- **Deep and Wide Versi-Traq Test Fixture** 12.0" deep by 14.0" wide:

Part Number: ASY00023.13  
Price: \$700.00
- **Deep and Extra Wide Versi-Traq Test Fixture** 12.0" deep by 16.0" wide:

Part Number: ASY00023.14  
Price: \$750.00



### \*Versi-Traq Test Fixture Test Area

The Versi-Traq Test Fixture has a large test area, but the Latch Towers at the front corners create a non-rectangular test area. A Deep Fit places the circuit board between the Latch Towers and allows a deeper circuit board. A Wide Fit places the circuit board behind the Latch Towers and allows a wider circuit board.

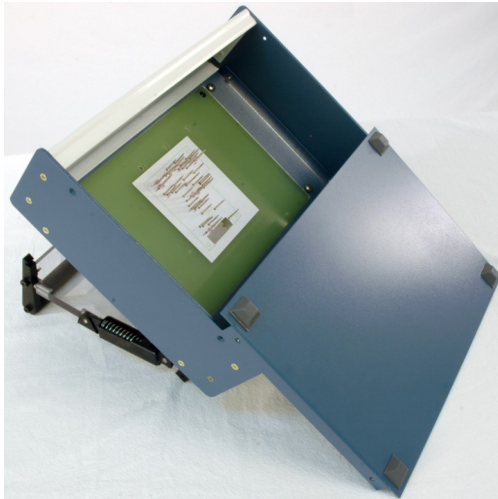
Safety Skirts further reduce the available test area.

Test Fixture Size	Deep Fit	Wide Fit	Skirt Fit
Standard	7.05" x 7.96"	6.55" x 9.00"	5.50" x 8.50"
Wide	7.05" x 11.96"	6.55" x 13.00"	5.50" x 12.50"
Extra Wide	7.05" x 13.96"	6.55" x 15.00"	5.50" x 14.50"
Deep	10.75" x 7.96"	10.25" x 9.00"	9.125" x 8.50"
Deep and Wide	10.75" x 11.96"	10.25" x 13.00"	9.125" x 12.50"
Deep and Extra Wide	10.75" x 13.96"	10.25" x 15.00"	9.125" x 14.50"

## Measurement Systems

### Base Enclosures

The Versi-Traq Test Fixture must be mounted on a base enclosure to house the Pogo Pin Sockets that stick down below the Probe Plate. The Test Fixture can be mounted on a Versi-Traq Base Enclosure or on a customer supplied enclosure.



### Ordering Information

#### \*Versi-Traq Base Enclosures

Automatiq provides a line of Versi-Traq Base Enclosures which include a Top cutout for mounting the Versi-Traq Test Fixtures. They disassemble to separate Top, Bottom, Front, Back, and Sides for ease of machining for connectors, switches, lamps, etc. The 3.5" height provides space for wiring and test circuitry inside.

- **Standard Versi-Traq Base Enclosure:**  
(9" x 12" x 3.5")  
Part Number: ASY00025.02  
Price: \$200.00  
Notes: For ASY00023.02
- **Wide Versi-Traq Base Enclosure:**  
(9" x 17" x 3.5")  
Part Number: ASY00025.03  
Price: \$250.00  
Notes: For ASY00023.03
- **Extra Wide Versi-Traq Base Enclosure:**  
(9" x 17" x 3.5")  
Part Number: ASY00025.04  
Price: \$250.00  
Notes: For ASY00023.04
- **Deep Versi-Traq Base Enclosure:**  
(14" x 12" x 3.5")  
Part Number: ASY00025.12  
Price: \$275.00  
Notes: For ASY00023.12
- **Deep and Wide Versi-Traq Base Enclosure:**  
(14" x 17" x 3.5")  
Part Number: ASY00025.13  
Price: \$300.00  
Notes: For ASY00023.13
- **Deep and Extra Wide Versi-Traq Base Enclosure:**  
(14" x 17" x 3.5")  
Part Number: ASY00025.14  
Price: \$300.00  
Notes: For ASY00023.14

### Versi-Traq Test Fixture Accessories

Automatiq can provide components for Versi-Traq Test Fixtures including pogo pins and sockets, push down pins, and foam spacers.

See the [Versi-Traq Components Data Sheet \(DOC-00036\)](#) for details.