

Measurement Systems

Overview

The following will provide the information to provide a quotation for a Versi-Traq clamshell Test Fixture complete and ready to wire with the following features:

- Standard Bed-Of-Nails Test Fixture
- Standard Base
- Pogo Pins and Guide holes from Gerbers
- Pogo Pins and Sockets installed
- Guide Pins installed
- Top Cover with machined pockets and cutouts for tall components
- Push Down Pins installed
- Pin Identification on bottom side
- Assembled and Mounted to Base
- Fabrication Drawings (Paper and CD)

Instructions

Please fill out the form completely (all four pages).

When the form is complete, click the "Submit" button on the last page to send it to Automatiq Measurement Systems via your email tool or send a copy of the completed form to Sales@AutomatiqSystems.com.

Please call or email Sales@AutomatiqSystems.com if you have any questions.

Additional notes can be entered in the "Notes" box at the end of the form.

First & Last Name*:

Title:

Phone*:

Email*:

Website:

Company*:

Address*:

City, State, ZIP, Country*:

Boards on Test Fixture

Please specify the number of boards on the Test Fixture.

Single Board

Total Number of Boards (Qty)*:

Multiple Copies of Single Board

Names of the other Boards:

Several Different Boards

Complete a separate Request for Quotation form
for each Board on the Test Fixture.

Measurement Systems

Board Name*:

Board Width (")*:

Board Number:

Board Length (")*:

Board Owner:

Board Thickness (")*:

Mounting Holes: Normally the board is positioned using hardened steel guide pins through mounting or tooling holes in the board. If there are no mounting holes, the board will need to be positioned from the edges.

Mounting Holes (Qty)*:

Pogo Pin Holes: It is difficult to drill extra probe points after the Test Fixture has been fabricated and wired. It is relatively inexpensive to drill extra holes for probe points that may be needed in the future. Automatiq recommends that all connectors and jumper pins have holes even if they are not populated with sockets or probes.

Pogo Pin Holes (Qty)*:

Sockets & Pins, 0.100": The least expensive and most rugged pins are those which can be mounted on 0.100" centers minimum. They should be used whenever possible.

Sockets (0.100") (Qty)*:

Pins (0.100") (Qty)*:

Sockets & Pins, 0.075": Pins that can mount on 0.075" centers are somewhat more expensive but are nearly as rugged as the 0.100" pins.

Sockets (0.075") (Qty)*:

Pins (0.075") (Qty)*:

Sockets & Pins, 0.050": Pins that can mount on 0.050" centers are much more expensive and much less rugged. They are not recommended for most Test Fixture.

Sockets (0.050") (Qty)*:

Pins (0.050") (Qty)*:

Special Probe Planes: The standard Probe Plane will accommodate probe points on the bottom surface of the board and on through-hole pins that extend up to 0.050" below the bottom surface of the board. Additional Probe Planes may require special design. Common special probing includes probing male or female connectors mounted on the bottom of the board. List the number of additional groups of probe points that must be on the different Probe Plane.

Additional Probe Planes
(# Groups):

Notes:

Tall Bottom Components: The standard Test Fixture will accommodate components that extend up to 0.170" below the bottom of the board. To accommodate taller components, clearance holes must be machined into the Probe Plate. Enter the number of bottom components (over 0.170" tall) and any related details.

Tall Bottom Components (Qty):

Notes:

Measurement Systems

Tall Top Components: The standard Test Fixture will accommodate components that extend up to 1.000" above the top surface of the board. To accommodate taller components, clearance holes must be machined into the Top Cover. Enter the number of top components (over 1.000" tall) and any related details.

Tall Top Components (Qty):

Notes:

Access Points: The standard Test Fixture has a solid Top Cover which prevents access to the board during testing. If there are components that must be accessed during the test (switches, jumpers, adjustments, etc.), access holes must be machined in the Top Cover.

Access Holes (Qty):

Notes:

Cable Connections: Are there any attached cables or external cables that must be connected to the board during testing? Please describe.

Cables?

Notes:

High Voltage: If there are high voltages on the board, safety skirts and an interlock switch must be provided to protect the operator.

Safety Skirts

Interlock Switch

Measurement Systems

Base Enclosure Type: Please Specify the Base Enclosure Type to be provided. The Circuit-Traq PRO Test Fixture is for use with the Circuit-Traq PRO Test System.

- None
- Standard Enclosure
- Circuit-Traq PRO Test Fixture

Enclosure Cutouts: Are there any holes or cutouts that need to be made into the Base Enclosure? Please describe.

Enclosure Cutouts (Qty):

Notes:

Wiring: Is there any wiring required from the sockets? Please describe.

Wiring?

Notes:

Notes:

Submit: Click the "Submit by Email" button to send the form by email. The email with the form attached should be displayed. If the email form is not displayed, the form was not sent for some reason.

If there are problems with the "Submit by Email" button, save the completed form to a temporary file and attach it to an email sent to Sales@AutomatiqSystems.com.