

Measurement Systems

Overview

Complete this form to request a Quotation from Automatiq Measurement Systems for a Versi-Traq Test Fixture, complete and ready to wire, with the following features:

- Versi-Traq Test Fixture
- Pogo Pins and Guide Pin holes from Gerbers
- Guide Pins installed
- Pogo Pins and Sockets installed
- Versi-Traq Base Enclosure (If Requested)
- Top Cover with machined pockets and cutouts for tall components
- Push Down Pins installed
- Pin Identification on bottom side of Probe Plate
- Documentation Package (Paper and CD)
- Wiring (If Requested)

Instructions

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

When the form is complete, send a copy of the completed form to Quotation@AutomatiqSystems.com.

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

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

Company*:

Address*:

City, State, Postal Code, Country*:

Website:

First & Last Name*:

Title:

Phone*:

Email*:

Boards on Test Fixture

Please specify the number of boards on the Test Fixture.

Board Name*:

Total Number of Boards (Qty)*:

Single Board

Names of the other Boards:

Multiple Copies of Single Board

Several Different Boards

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

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Board Name*:

Board Width (")*:

Board Length (")*:

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.

Total Mounting Holes (Qty)*:
[Per Board]

Populated Pins: Solder cup sockets and pogo pins are installed in the Test Fixture. The head of the pogo pins will depend on the nature of the probe points being contacted on the board.

Pogo Pin Holes: It is difficult to drill additional pogo pin holes after the Test Fixture has been fabricated and especially after it is wired. It is relatively inexpensive to drill extra holes for pogo pins 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 and probe pins.

0.100" Sockets and Pins (Qty)*:
[Per Board]

Sockets & Pins, 0.100": Pins that can mount on 0.100" centers are the least expensive and most rugged pins. They should be used whenever possible.

Unpopulated 0.100" Holes (Qty)*:
[Per Board]

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.

0.075" Sockets and Pins (Qty)*:
[Per Board]

Unpopulated 0.075" Holes (Qty)*:
[Per Board]

0.050" Sockets and Pins (Qty)*:
[Per Board]

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

Unpopulated 0.050" Holes (Qty)*:
[Per Board]

Total Pogo Pin Holes (Populated and Unpopulated) (Qty)*:
[Per Board]

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Special Probe Planes: Unmodified Test Fixtures 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 contacting male or female connectors mounted on the bottom of the board. Enter the number of additional Probe Planes from the probe points and note their heights and any related details.

Additional Probe Planes (Qty):
[Per Board]

Notes:

Tall Bottom Components: Unmodified Test Fixtures will accommodate components that extend up to 0.170" below the bottom surface 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 note any related details.

Tall Bottom Components (Qty):
[Per Board]

Height of Tall Components:

Tall Top Components: Unmodified Test Fixtures 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 note any related details.

Tall Top Components (Qty):
[Per Board]

Height of Tall Components:

Access Points: Unmodified Test Fixtures have 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 into the Top Cover.

Access Holes (Qty):
[Per Board]

Notes:

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Safety Skirt Option: If there are high voltages on the board, safety skirts must be provided to protect the operator.

Safety Skirts

Interlock Switch Option: If there are high voltages on the board, an interlock switch must be provided to protect the operator.

Interlock Switch

Versi-Traq Base Enclosure: Please specify if a Versi-Traq Base Enclosure is required. Larger than required Versi-Traq Base Enclosure can be requested.

No Enclosure

Wide Base Enclosure

Deep Base Enclosure

Versi-Traq Base Enclosure
[Smallest Size that fits the Board(s)]

Extra Wide Base Enclosure

Deep and Wide Base Enclosure

Deep and Extra Wide Base Enclosure

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

Enclosure Cutouts (Qty):

Notes:

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

Wiring?

Notes:

Notes:

Submit: Save the completed form to a temporary file and attach it to an email sent to Quotation@AutomatiqSystems.com.