

VXIbus PRODUCTS

HP 75000 VXI Hardware

| HP 75000 VXIbus Hardware | | | | | | | | | | | |
|--------------------------|--|------------------------|-------------------------------------|--|--|--|-------------------------------------|-------------------------------------|-----------------------------------|------------------------------------|--------|
| Multimeters | Digitizers & Oscilloscopes | Counters | Sources | Digital | Switches | Telecom | Mainframes | Computers & Commanders | Specialty | Mass Interconnect | |
| HP E1326B | | HP E1322A HP E1333A | HP E1328A HP E1340A | HP E1330B | Relay Mux FET Mux RF Mux Matrix Form C | | HP E1300A HP E1301A | Built-in Commander | IRIG B MIL 1553B | | B-Size |
| HP E1410A HP E1411B | HP E1413A HP E1426A HP E1427A HP E1428A HP E1429A HP E1430A | HP E1420B | HP E1440A HP E1445A HP E1446A | Model D20 HP E1450A HP E1451A HP E1452A | Relay Mux FET Mux RF Mux Matrix Form C | Series 90 TOH RX TOH Gen Interface Payload Timing | HP E1400B HP E1401A HP E1400T | HP E1405B HP E1406A HP E1499A | Synchro/ Resolver ARINC-429 | HP E3720A HP E3722A HP 9420A | C-Size |

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Hewlett-Packard gives you a choice of many VXI modules for your application. Three digital multimeters are offered, ranging from 4½-digit to 6½-digit resolution. Two oscilloscopes and three digitizers are available for capturing analog waveforms. The three counters range from simple multichannel counters to a full-featured universal counter. Arbitrary function generators, synthesized function generators, and digital-to-analog converters provide low-frequency analog signals. For mixed-signal testing, the Model D20 combines high-performance digital stimulus and response while maintaining low cost. Matrices, multiplexers, and Form-C switches are available in both B- and C-size formats. Telecom test for SONET/SDH is performed with the Series 90 system. Mainframes are available in B- and C-size formats. High-performance HP-UX and BASIC workstations round out the HP 75000 family of VXI hardware products. Finally, mass interconnect fixtures are offered for fast wiring changes between the instruments and the device under test (DUT).

HP VXI Systems Architecture

Often, ease-of-integration and test throughput are key issues. That's why, at HP, we use a systems approach in our design of VXI hardware and software.

HP's message-based modules maximize ease of programming and interoperability, and HP's register-based modules minimize cost and maximize throughput. In addition, both B- and C-size VXI products are featured to give you a scalable architecture and a choice of price and performance.

SCPI mnemonics are available for all standard HP 75000 products. By using SCPI, you reduce the time needed to learn a new instrument because a particular function always uses the same command, regardless of the instrument type. HP's message-based modules interpret SCPI commands directly, and HP's register-based modules use the C-size command module or the B-size mainframe to perform SCPI interpretation. If you need both high throughput and ease of programming, HP offers Compiled SCPI, which provides register-based speed with SCPI programming ease.

