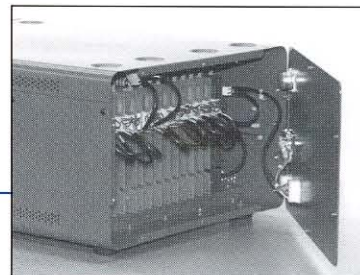


model 2650.MTA



Rear access door means easy board replacement without the time consuming task of removing front interface cables.

What is a Modular Test Analyzer?

DIT-MCO's newest test solution, the Model 2650, incorporates modularity so that the system conforms to your testing needs. The modular switching units can rack-and-stack in a cabinet providing concentrated test points or can be distributed around the Unit Under Test (UUT) eliminating long, cumbersome adapter cables. Or you may reconfigure the system at any time when your needs or the UUT changes.

Why utilize distributed switching?

In order to provide efficient test operations with large UUTs, moving the tester close to the product under test is optimal. The distributed configuration eliminates long, cumbersome adapter cables that are expensive to rework and difficult to store.

The switch modules can be placed randomly where needed, such as a cockpit or wing section, or can be stacked on a trolley for mobility and flexibility. In addition, you may want to mix racked modules with distributed modules. You make the choice that makes sense for your operation.

Other standard convenience features in the Model 2650.MTA include the external energization and test probe connections built into each switching module. This allows you to quickly access any point that requires power or testing with the probe.

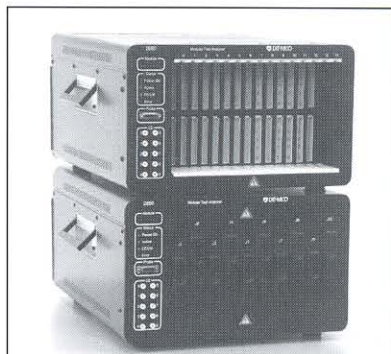
If you require a large number of external energization points, special switching modules configured only with EE cards accommodate this need. Just place the EE modules as you would any other switching module.

How can I reduce hook-up times?

With the Model 2650's optional random hookup feature, you don't have to worry about cable connections to the tester. You simply start hooking up adapter cables in any order. A bar code or embedded ID identifies the cables and their locations. The test system automatically matches the cable hookup and runs your test program, as written without modifications. What could be simpler?

What about system maintenance?

Maintenance has also been simplified so your operators don't have to unhook adapter cables to remove switching cards. With rear access to the switching, faster maintenance and repair means less downtime for your systems.



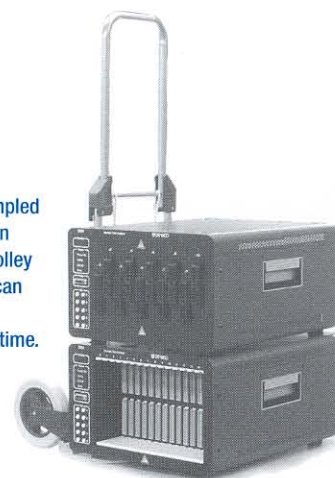
With up to 1,500 test points per module, the 2650.MTA gives maximum test coverage with a small footprint.

What are my configuration choices?

DIT-MCO's Model 2650.MTA is our most flexible test system. You can utilize multiple test stations operating from a single controller reducing the total cost of testing. The individual switching modules interlock to allow stacking of the units for mobility and quick setup while maintaining secured positioning. Any switching configuration and test address is possible with the virtual test address control eliminating module or cabinet restrictions.

The 2650.MTA's switching module supports up to 1500 test points per unit but can be configured to suit your needs in increments of 100 points so you won't waste test electronics. Test interfaces on the standard unit are either 150 point ZIF or 50 pin D-sub connectors but can be customized to fit your needs. Special 500 point switching modules provide small size and weight for use in locations where only a few test points are required.

The 2650.MTA's modules are dimpled for stability when stacked. The trolley as shown here can move multiple modules at one time.



DIT-MCO® International

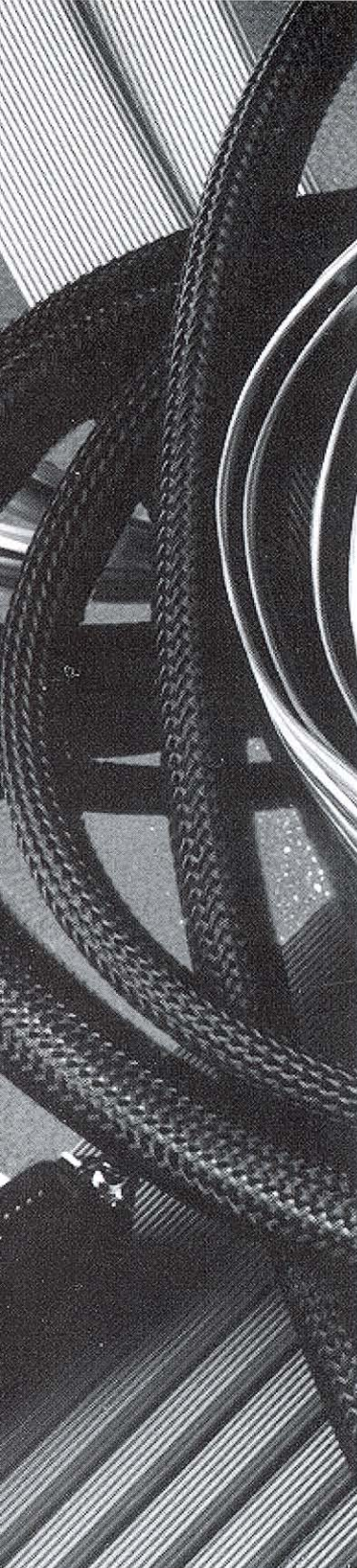
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model 2650.MTA

Specifications



Operating Conditions

- Relative humidity: 30%-80% (RH non-condensing)
- Indoor applications
- Altitudes up to 2000m
- Standard configuration temperatures: 60°F-90°F (15°C-32°C)
- Power:
 - 115VAC/20A 1ph60Hz±10%
 - 208VAC/30A 3ph60Hz±10%
 - 100-110VAC/25A 1ph50Hz
 - 220-250VAC/15A 1ph50Hz

Master Switching Unit

- Up to 1,500 points of switching in 50 point increments
- Expandable switching: 15,000 points per segment
- Test speed: Up to 3,000 tests per minute
- Discharge Wait circuit prevents switching from actuating with stimulus applied
- Heavy-duty electromechanical dual "Form C" relays
- Standard: w 17.38" (441.45mm) h 11.3" (287.02mm) d 22.25" (565.15mm)
- Mini: w 8.63" (219.20mm) h 11.3" (287.02mm) d 22.25" (565.15mm)

Standard Instrumentation

Standard Measurement Unit

- System accuracy
 - Continuity ±1%
 - Insulation ±3%
- Fully programmable
 - Voltage stimulus up to 1500VDC
 - Current stimulus up to 2A

- Continuity resistance 0.01Ω to 99KΩ
- Insulation up to 1000MΩ
- Four-wire resistance measurement from 0.01Ω – 10Ω
- Floating instrument
- Capacitance measurements 10pF – 5000μF
- Simultaneous insulation and hipot testing
- DC dielectric (hipot) currents of 0.5 mA – 2.5mA
- DC voltage measurement
- AC voltage measurement (true RMS)

Additional Instrumentation Option

- AC breakdown detector – 1000VDC

Computer Environment

- Industry standard personal computer with Microsoft® Windows or:
 - Laptop
 - Industrial
 - Customer specified
 - Printer: inkjet

Standard Software

- TestLink® software includes:
 - TestEdit® – Text editor for test programs and address correspondence
 - TestExecutive® with self-programming and Write Error Program (WEP)
 - Compensated Continuity Resistance (CCR)
 - Syntax Checker (SYNCHK)
 - Diagnostics

Software Options

- TestAssistant® II – Test interface and program builder
- Communications and networking
- APG/WIRESORT
- Checksum (CHKSUM)
- Random Hookup

Hardware Options

- Continuity probe
- Wireless remote control terminal
- Bar code reader
- External power for relay/component energization or instrumentation support
- Customer specified connector interfaces

For more information

For the name of your representative or more information on:

- Technical specifications
- Pricing
- Services
- Other products
- Authorized sales and service agents

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