



Multiplexer Test Bench

innova.no

Part number: 6015600

Test bench for testing Matrix multiplexer functions before and after usage.

Portable workshop test unit for easy diagnostics and quality control of Matrix multiplexers. Uses custom made cable harness for all channels subsea and topside.

After connecting all connectors, the unit will sequentially test all serial and ethernet channels. It will also load test all the power channels and test all software resettable fuses. The unit will generate a report with the test results.

Key features

- Full feature test unit
- Can test all multiplexers in the Matrix family
- Modular 19" Rack setup
- Portable
- Software controlled test sequences
- Local or remote control

Preliminary version No. 01

Last modified: June 11, 2025

Note: We accept no liability for any printing errors or changes in specification.

TESTING CAPABILITIES

- 16 x 24 V
- 6 x 48 V
- 16 x RS-232
- 8 x RS-485
- 6 x Gbps Ethernet
- 9 x 100 Mbit Ethernet
- 3 x Trigger input
- 8 x Trigger output
- Water alarm verification
- Ground fault detection test
- Input power GFD

SOFTWARE

Delivered with standard Innova software with graphical user interface to control test function, log data and generate test report

ELECTRICAL

- Input power: Schuko (110-230 VAC)
- Communication test: Ethernet, RS-232, RS-485, and trigger
- Power test: 24/48 Voltage and current on all channels

MECHANICAL

- Weight: TBA
- Dimensions: (depth x Width x Hight): 450 mm x 543 mm x 765 mm
- Portable steel cabinet with wheels

OTHER

Custom cable kits for all multiplexers in the Matrix family are available on request



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