

M10 U5 Test Box

For ICT and functional testing

The JOT M10 U5 test box is a compact solution for ICT and functional testing. It can be easily integrated with different types of rack-mountable test instruments. Furthermore, an ultra-compact test system will be achieved by integrating application-specific electronics inside the M10 box.

The box works as an independent off-line test unit or as a module on a fully automated M10 test line.

Key features

- Clear interface to application and product-specific parts
- Fast fixture exchange due to the docking-type fixture interface
- Supports double-sided contacting
- The same test box can be used as a stand-alone desktop unit or as a part of a fully automated JOT M10 Handling System



MACHINE IDENTIFICATION

Machine name and code:
M10 U5 Test Box, M10-881

USE MODES

Stand-alone:

- Manual DUT insertion, push slide gently to activate automatic closing
- Automatic slide opening

Rack-mounted:

- Manual or fully automated DUT handling

PRODUCT SPECIFICATION

Max product size: 300 x 200 mm

Max top side component height: 50 mm

Max bottom side component height: 10 mm

CONTACT INFO

www.jotautomation.com

STANDARD FEATURES

JOT M10 Test Rack compatible

Embedded box controlling

Configurable interface for customer-specific cabling

Space for customer-specific electronics integration

Box height: 5U

Pneumatic drawer

Test contacting:

- Contacting force up to 1800 N
- Double-sided contacting possible

Simple and easy connectivity with a test system
Docking-type customer-specific signal interface to the test fixture:

- Standard ICT interface: Up to 1024 test signals at the top and bottom (ordered separately)
- Standard functional interface: Up to 256 signals at the top and bottom (ordered separately)

Note: The signal interface is a configurable part and can be customized.

Communication: HTTP interface

ESD-safe design

CE-safety compliant

TECHNICAL CHARACTERISTICS

Contacting force: 1800 N

Dimensions: See drawings

Weight: Approx. 60 kg (132 lb)

INSTALLATION REQUIREMENTS

Power supply:

- 230-240 VAC / 50 Hz / 3 A
- 110-120 VAC / 60 Hz / 5 A

Compressed air connection:

- 0.5-0.6 MPa (73-87 psi)

Air consumption:

- 21 l/min in continuous contacting cycle (0 sec test time)
- Application specific features may increase air consumption

