

M10 HV Test Box

For high voltage testing

The JOT M10 test box is a compact solution for high voltage testing. It can be easily integrated with different type of rack mountable high voltage test instruments. Safety features that are requested for this kind of application are integrated in the test 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 HV Box, M10-921

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: 280 x 200 mm,
for up to 5 kVAC

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

D-connector interface for interlocking signals: D25

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.

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

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

