

Product Information

By: KR D

OFT-MT1 OPENING FORCE TESTER

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The Opening Force Tester from S. A. Meier Co. is a combination of flexible off the shelf force or material tester and our own fixture design. The fixture is a modular design with a standard base plate that will accept our standard 12" wide fixture or our DVD sleeve opening force fixture. With the run to distance option, the tester will open the box a programmed distance, regardless of box dimensions, and then return to start. The upper fixture is a unique design that can be used with either of the two lower fixtures. An alternate fixture can be supplied if the DVD opening fixture will not be used in the future.

Although the Opening Force fixture is can be mounted on most testers, the Mark-10 gauges offer the great mix of performance, security and price.



Standard Opening Force Tester OFT-MT1

- Standard mounting base with Opening Force fixture
 - Mark-10 ESM 301 standard frame for closed cartons to 11"
 - ◆ Optional extended travel for closes cartons to 17"
 - ◆ Other column extensions are available
 - ◆ Overload protection
 - Speed range 0.5 to 13" per minute
 - ◆ Extended speed range is available
 - Adjustable upper and lower limits with adjustable thumb screws
 - ◆ Optional open to a distance
 - Automatic return
 - ◆ Optional return on force drop
 - Mark-10 M5 10 lbF (5000 gF) gauge +/- 0.01 lbF (5 gF) accuracy
 - ◆ Real time and peak readings displayed at same time
 - ◆ 1000 reading memory
 - ◆ Optional gauge models available
 - User assigned password for test stand and gauge controls
 - RS-232 output
 - Small Footprint
- Optional software wedge, cables, and RS-232 to usb adapter



DVD Sleeve Opening Force Tester (order as OFT-MT1DVD)

- Standard mounting base with DVD Sleeve Opening Force Fixture
- Mark-10 ESM 301 frame handle all DVD Sleeves
- ◆ Speed range 0.5 to 13" per minute
 - ◆ Extended speed range is available
- Adjustable upper and lower limits
- Automatic return
- Mark-10 M5 series gauge
 - ◆ Adjustable gauge overload protection
 - ◆ Real time and peak readings displayed at same time
 - ◆ 1000 reading memory
- User assigned password for test stand and gauge controls
- RS-232 output
- Optional software wedge, cables, and RS-232 to usb adapter

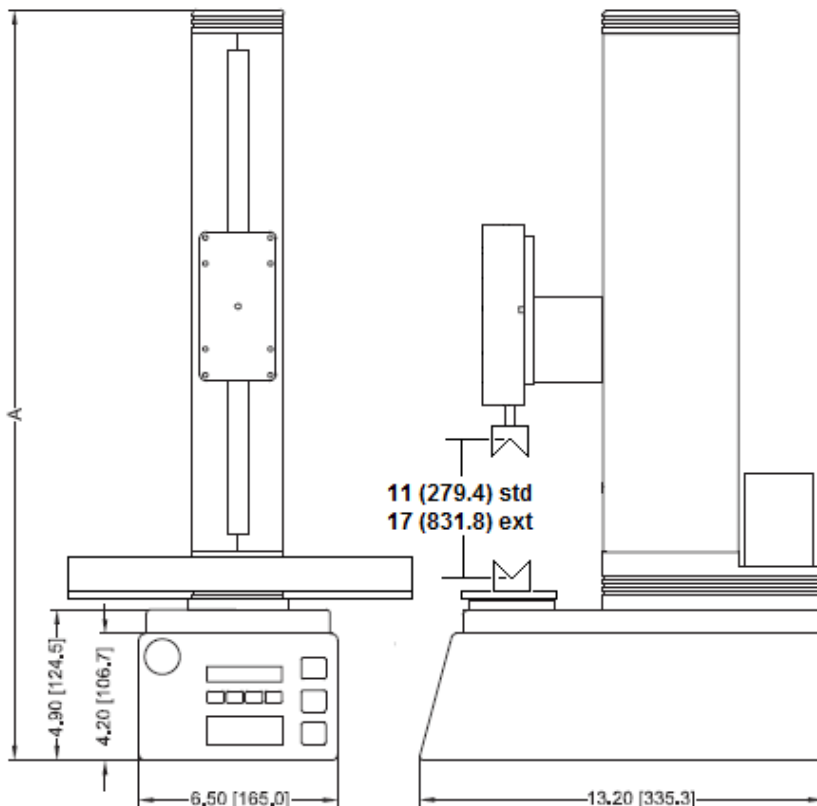
S. A. Meier Co. of Milwaukee, Inc.

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Tester Options

Feature	Description	Requirements
Overload Protection	Included with tester. Aids in protecting the gauge against overloading. The controller is set to stop at 9 lbF in compression and 1 lbF in tension. User can adjust.	No additional requirements
Auto Return	Included with tester. When the tester travels to the adjustable lower or upper limit from test start, the gauge will return to the start position at maximum speed.	No additional requirements
High Speed Extension	Optional. Extends the maximum speed to 0.5 to 45 in/min.	Can be added in the field
Travel Distance After Touch	Optional. Allows the tester to travel to the contact point of the flat box and travel a programmable distance from that point and automatically return to start	Must be factory added.
Return On Force Drop	Optional. A programmable feature that will stop the test and return the gauge to the start position when a programmed drop in force is detected. A drop in force occurs after the flat box had been opened.	Can be added in the field
Software Wedge	Optional. Software loaded on a pc that will “wedge” results data into any Windows application that allows keyboard input such as spreadsheets, word processing programs, data bases, etc.	Can be added in field. RS232 cable and usb convertor (if computer does not have RS232 capability).

Dimensions in (mm)



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