

Imatest Motorized Test Stand - 2m

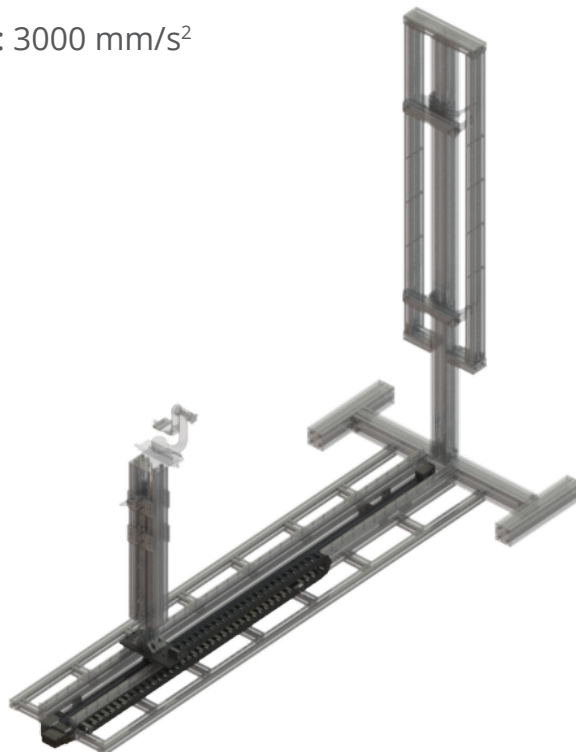
Add-on to the Imatest Modular Test Stand

Why Choose the Imatest Motorized Test Stand?

This add-on module to the IMTS-2m allows for automated positioning of the Camera Post. Create automated test plans with many camera-to-chart test distances. Perform live depth of field tests using a computer controlled stage with precise linear movements.

MTS Reflective Module Features

- ✓ Easily upgrade your existing Modular Test Stand
- ✓ Includes linear stage, dragchain, and adapter kit
- ✓ Includes a recirculating ball bearing carriage which provides high load and long lifetime
- ✓ Easily connect using USB 2.0 or serial communication ports, send commands over RS-232
- ✓ Zaber's Console software makes it easy to control the speed and position of the camera, change the device settings, and write custom scripts.
- ✓ The linear stage system includes an indexed knob which provides manual control
- ✓ Control Interfaces: USB Serial, Zaber Console Software, Python 3 - Zaber Motion Library
- ✓ Travel: 1900mm
- ✓ Maximum Speed: 2387 mm/s
- ✓ Maximum Acceleration: 3000 mm/s²





Imatest Motorized Test Stand Specifications

Specifications	Details
Add-On Kit Weight	10.98 Kg (24lbs)
Motorized Carriage Dimensions	2237mm x 134mm x 76mm
IMTS-2m Dimensions (w/ Motor)	2550mm x 1000mm x 2020mm
Linear Motion	Travel: 1900mm Max Speed: 2387mm/s Max Acceleration: 3000mm/s ²
Microstep Size (Default Resolution)	7.03125 μ m
Motor Precision	Accuracy (unidirectional): 1,600 μ m Repeatability: < 20 μ m
Motor Backlash	< 250 μ m
Motor Power	Peak Thrust: 90N Maximum Torque: 180 N•cm
Operating Temperature Range	0 to 50 °C
Maximum DUT Weight	100 lbs
Electrical	Standard 120V Maximum Current Draw: 3500 mA

