

Imatest Modular Test Stand

Easy-to-use platform for consistent imaging tests

Why Choose the Modular Test Stand?

The Modular Test Stand (MTS) facilitates precise setup and repeatable camera positioning for consistent imaging tests. The MTS enables you to produce superior cameras while significantly reducing time spent in the lab. The MTS is also configurable so it accommodates your camera system. Optional add-on modules include reflective lighting and wide field-of-view options. The standard 2 Meter rail is now available with an optional Motorized Z-stage to automate the Camera Post positioning.

Included with MTS Fixture

- ✓ Custom rail system for easy positioning
- ✓ Ruler & laser rangefinder for precise test distance measurements
- ✓ Reliable camera mount (tripod head or gimbal head)
- ✓ Adjustable chart holder that conforms to a variety of test targets
- ✓ Enables tilt & rotation measurements by controlling alignment between camera & test chart.



Specifications	Details
Weight - default option (2m rail)	102kg (225lbs)
Total shipping weight with crate (2m rail)	159kg (351lbs)
Shipping crate dimensions	2.34m x 0.53m x 0.66m (90.5" x 20.5" x 26")
Overall dimensions (2m rail)	1000mm x 2050mm x 2020mm (39.37" x 80.71" x 79.53")
Camera tilt (R _z)	Geared Tripod Head: -90° / +30° Gimbal Head: 0°
Camera pitch (R _x)	Geared Tripod Head: -10° / +90° Gimbal Head: 360°
Camera rotation (R _y)	Tripod Head: 360° Gimbal Head: 300°
X-axis translation	120mm
Reflective chart size range	Min: 21.58cm x 27.94cm (8.5" x 11") Max: 110cm x 144cm (43.31" x 56.69")
Transmissive chart size range	Imatest LED Light Panel C, D, E, F, and G
Rail length options	1m, 2m, 3.5m, Custom lengths available
Material	6105-T5 Aluminum - Black Anodized

Custom configurations available. Contact testing@imatest.com

Light Panel Dimensions (Active Area)

Light Panel	Size	Illumination
C	432mm x 305mm	Visible 100 - 1000 lux 3100K, 4100K, 5100K, 6500K NIR 2 ~ 20 W/m ² 850nm or 940nm
D	610mm x 432mm	
E	907mm x 540mm	
F	907mm x 680mm	
G	1225mm x 680mm	

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imatest.com/info/mts

