

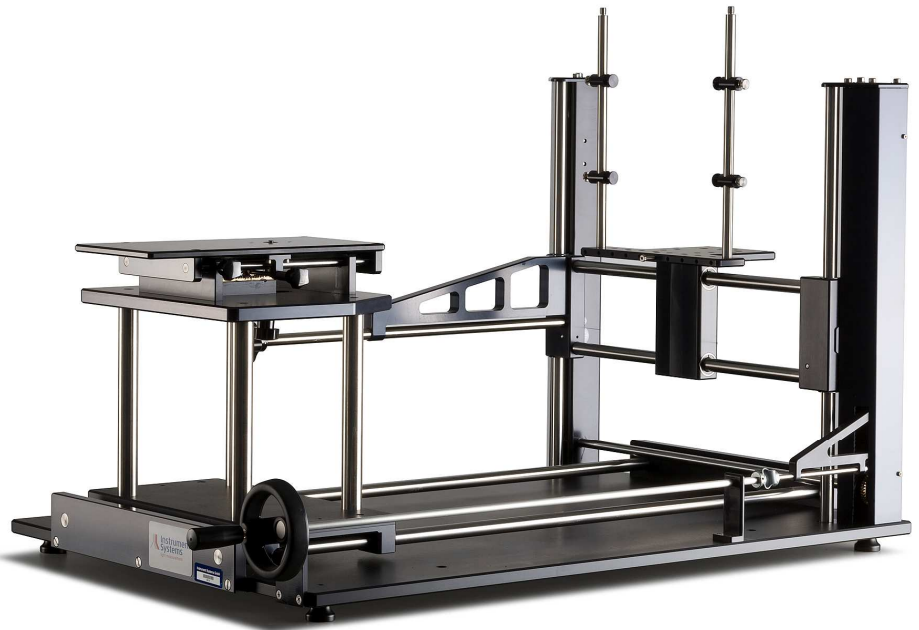
DTS 400

Manual Positioner

for display measurements

Product highlights

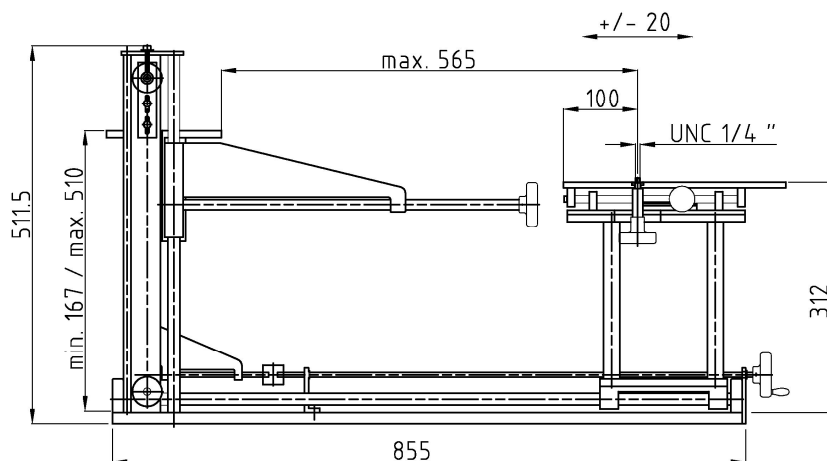
- Solid & stable construction
- Compatible with LumiCam 1300/4000 and TOP 100/200
- Horizontal and vertical positioning of the test sample
- Black finish prevents interfering reflectance



This multifunctional rack is ideally suited for the manual positioning of test sample and measuring device while performing radiometric or photometric measurements on displays. It consists of an X-Y mounting for the vertical and horizontal positioning of the tested object. The measuring instrument instead is fixed on a second platform that allows movements in the Z-axis to focus correctly on the test object. Both stages are integrated in a robust and stable construction that avoids unintentional movements or misalignment.

Instrument Systems offers the positioner especially for the radiometric and photometric characterization of displays with

- TOP 200 telescopic optical probe (DTS 140 spectroradiometric display test system)
- LumiCam 1300 imaging photometer and colorimeter
- LumiCam 4000 imaging photometer and colorimeter



Technical Specifications

Model	DTS400-110
Dimensions (L x W x H)	855 x 586 x 512 mm
Test Article Stage Movement	
Horizontal (X-Axis)	162 mm each side of center
Vertical (Y-Axis)	167 mm (min) to 510 mm (max)
Test article weight	up to 25 kg with center of gravity above stage
Focussing Platform	
Focussing Length (Z-Axis)	100* to 582 mm
Construction	
Material	Aluminium black anodized

*Distance from test article stage to UNC 1/4" mount on focussing platform

Ordering Information

Order number	Description
DTS400-110	Manual XYZ-positioning system for measuring displays; includes mounting plate for holding a light measurement device such as the TOP 200 or LumiCam



Instrument Systems GmbH
 Neumarkter Str. 83
 D-81673 Munich, Germany
 Tel.: +49 (0)89 45 49 43-0
 Fax: +49 (0)89 45 49 43-11
 info@instrumentsystems.com
 www.instrumentsystems.com