

Customized Microscopes

OLS5100 Large Bridge Stand



OLS5100 Large Bridge Stand

Maximizing Measurement Accuracy

The large bridge stand is designed to enable optimal precision and accuracy of measurements obtained with the LEXT™ OLS5100 system:

- Motorized stages of 300 × 300 mm or 400 × 400 mm for large and bulky samples up to 20 kg (44 lb)
- Weighs over 1000 kg (2204.6 lb) and uses the vibration-dampening properties of granite to boost stability
- A manual Z drive of 150 mm enables easy inspection of large and tall samples



Article code	Material name	Type
E0438555	CUS-OLS5000-Bridge-Stand-KIT 400 × 400 mm motorized table	Bridge stand
E0432367	OLS5000-HSU Integrator KIT	Scanning unit kit
N9049662	OLS50C-PRCV-1	Protocol converter
N4221200	CBLR-DSC5	Cable
N4220900	CBL-DSC5	Cable
N4221100	CBLR-CSC5	Cable

Kit Items

Article code	Kit name: CUS-OLS5000-Bridge-Stand-KIT
E0438555	<p>CUS-OLS5000-Bridge-Stand-KIT: 400 × 400 mm motorized table; Bridge stand consisting of 4 parts; 1 × lower frame 1200 × 1000 × 600; material: steel; 1 × base plate out of hard stone (1200 × 1000 × 150 mm), color: black; 1 × bridge out of hard stone (200 × 150 × 200 mm), color: black; Accuracy 0.010 mm incl. calibration certificate; Vibration isolation; Working height 850 mm</p> <p>Motorized x/y stage: Motorized x/y stage 400 × 400 mm; Maximum sample weight: 20 kg (44 lb)</p> <p>Manual Z-drive (z): Travel range 150 mm; Mounting of OLS5000 head</p> <p>Steering: TANGO 2 Desktop steering; 2-axis joystick; Auxiliary I/O TANGO DT / PCI-E; Motor cable 3 m</p> <p>System integration and test</p>

Article code	Material name	Type
E0432367	OLS5000-HSU Integrator KIT	Scanning unit kit
N6378100	OLS5100-HSU	Protocol converter
N2662700	U-D6REMC	Scanning unit kit
N5686700	MPLFLN10x LEXT	Objective
N5677800	OLS50-GRAB	SW
E9701471	HW-WORKSTATION-HP-Z2G4-OLS5000	PC
N6378400	OLS51-BSW: Basic software	SW

