

## HDS-UH-XY110120LE series motorized XY linear stage



### Specifications

Travel	110 mm * 120 mm
Resolution	0.1 um
Max Speed	100 mm/s
Uni-directional Repeatability	$\leq 0.5 \mu\text{m}$
Bi-directional Repeatability	$\leq 1 \mu\text{m}$
Accuracy / 10mm	$\leq \pm 1.5 \mu\text{m}$
Motor	Linear motor
Guide Mechanism	crossed-roller guide
Material	Aluminum alloy
Surface Finishing	black anodic coating
Limit	photoelectric switch
Max Load	1 kg
Weight	4.2 kg

\* Valid with heidstar controller only

### Features

Low profile

Compact design

Exchangeable stage inserts

Ergonomic design for smooth handling

### Supported microscopes

Olympus CX41/BX41/  
BX43/BX51/BX53/BX61  
SOPTOP CX40/RX50

### Dimension

