

HDS-UH-XY75240SN series motorized XY stepper stage



Specifications

Travel	75 mm * 240 mm
Resolution	< 0.05 μm
Max Speed	50 mm/s
Uni-directional Repeatability	$\leq 1 \mu\text{m}$
Bi-directional Repeatability	$\leq 2.5 \mu\text{m}$
Accuracy / 10mm	$\leq \pm 2 \mu\text{m}$
Motor	2-phase stepper motor
Guide Mechanism	crossed-roller guide
Material	Aluminum alloy
Surface Finishing	black anodic coating
Limit	photoelectric switch
Max Load	1 kg
Weight	5 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

