

HDS-UH-XY8060SN series motorized XY stepper stage



Specifications

Travel	80 mm * 60 mm
Resolution	< 0.05 um
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	3 kg
Weight	3.2 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
NOVEL BM1800
CNOPTEC BK6000

Dimension

