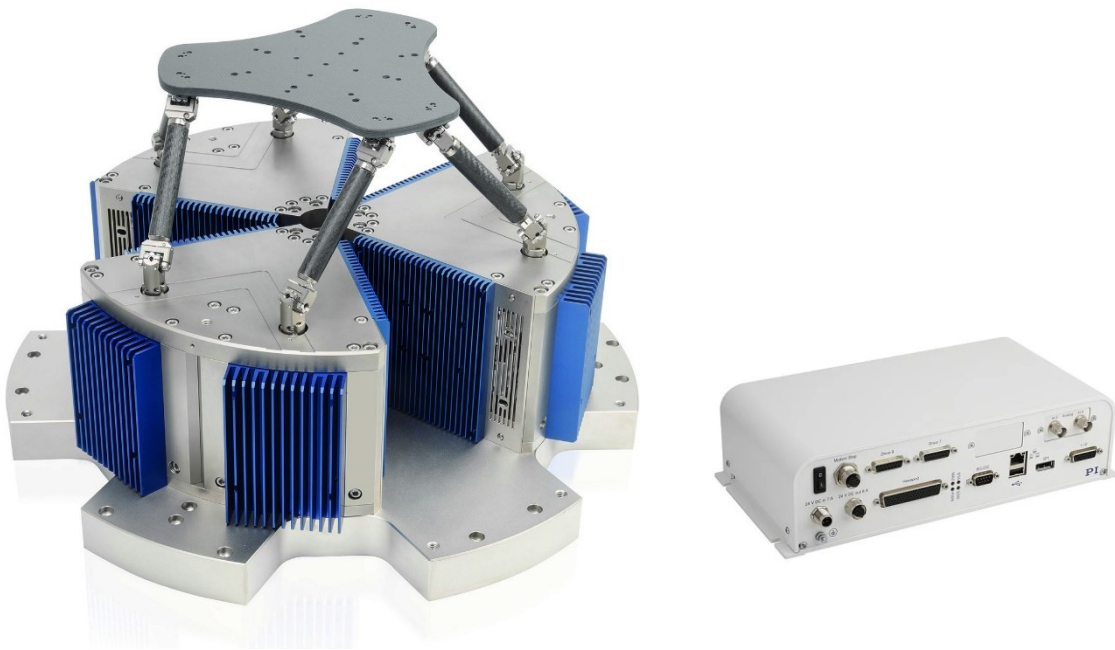




Motion simulation platform for smartphones HEXAPOD_H860



Description

Thanks to its excellent dynamic properties, the H-860 is ideally suited for motion simulation. It is used in test systems, e.g. for image stabilization in cameras and mobile devices. Further fields of application include quality assurance of camera test systems and image stabilization software; vibration simulation, eye tracking, simulation of human and artificial motion.

The friction-free drive design is based on voice coils drives and flexure guides. The struts and platform are made of carbon fiber for minimal moved mass and inertia.

General specifications

Manufacturer / Manufacturer reference	PI / H-860.S2H
DXOMARK Image Labs reference	HEXAPOD_H860
Dimensions	• Hexapod : 260 x 260 x 317 mm • Controller : 312 x 153 x 80 mm • Power supply : 270 x 136 x 341 mm
Material	Stainless steel, aluminum
Color	Silver, blue and black
Weight	• Hexapod : 30 Kg • Controller : 2.8 Kg • Power supply : 5 Kg
HS Code	8479.50.0000
Country of origin	GERMANY

Electrical specifications

AC input power	100 - 240 VAC, 50 / 60 Hz
Maximum power consumption (Hexapod + Controller)	450 W

Mechanical dynamic specifications

Active axes	X, Y, Z, θX , θY , θZ
Travel range* in X, Y, Z	± 7.5 mm
Travel range* in θX , θY , θZ	$\pm 4^\circ$
Velocity in X, Y, Z	250 mm/s
Max. frequency	30 Hz
Amplitude-frequency product in X, Y, Z	30 mm.Hz
Amplitude-frequency product in θX , θY , θZ	15° .Hz
Load capacity (horizontal base plate / any orientation)	1 Kg

Included elements

Quantity

H860.S2H Hexapod	1
C-887.5220 Controller	1
C-501.24180M12 Power supply	1
M850B0384 Power supply (sec. 24 V, 600 VA)	1

Included accessories and documentation

Quantity

C-815.563 Crossover network cable	1
C-815.553 Straight-through network cable	1
3763 Power cord	1
C-990.CD1 Data storage device with PI Software Suite	1
MS247EK Short instructions for hexapod systems	1
C887B0165 Shorting plug for the Motion Stop socket of the controller	1

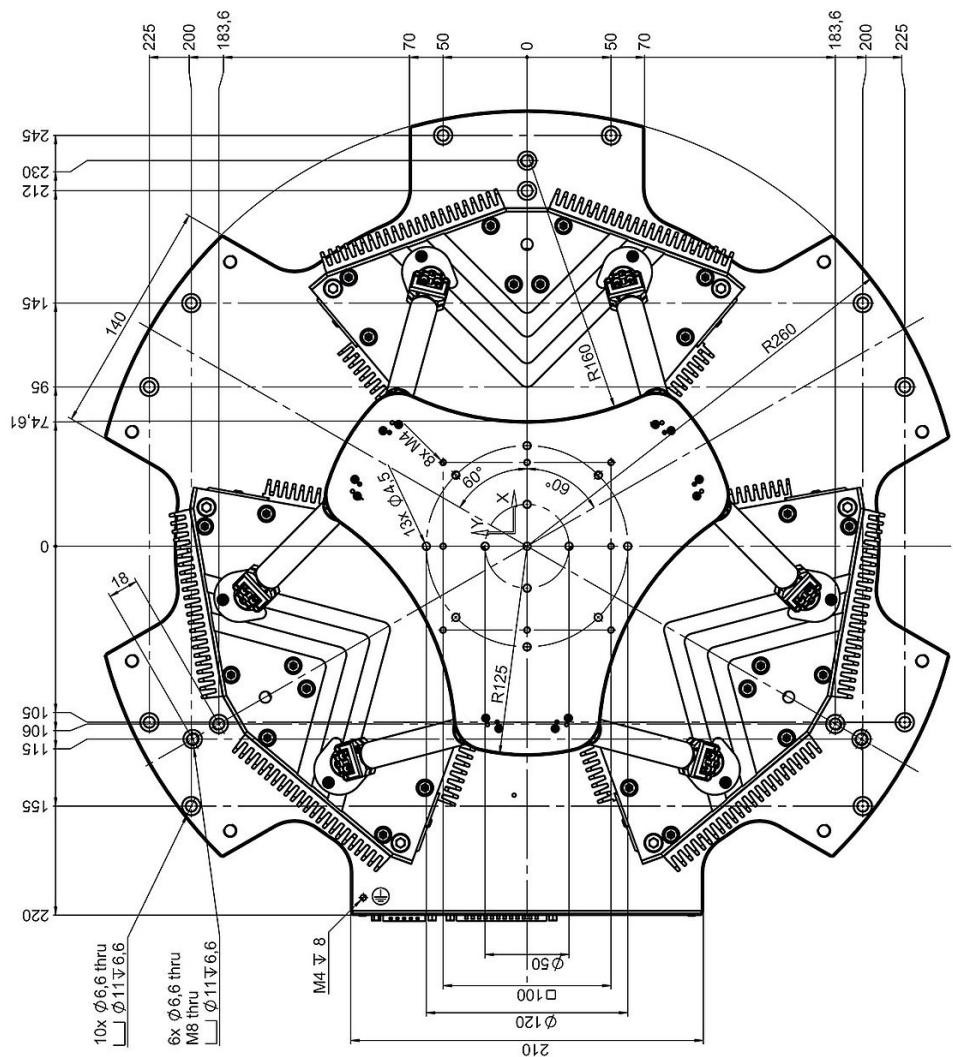
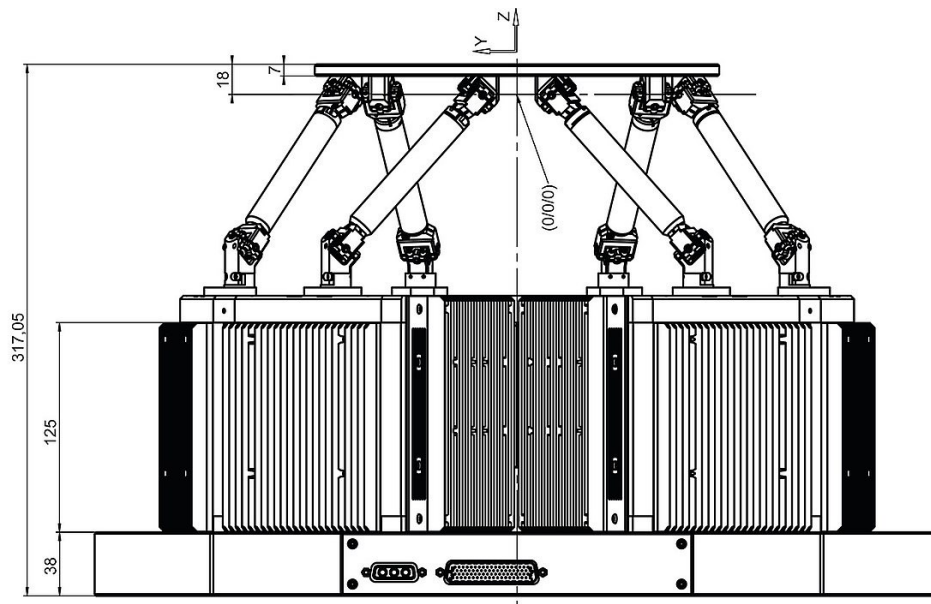
Optional equipment and accessories (sold separately)

DXOMARK reference

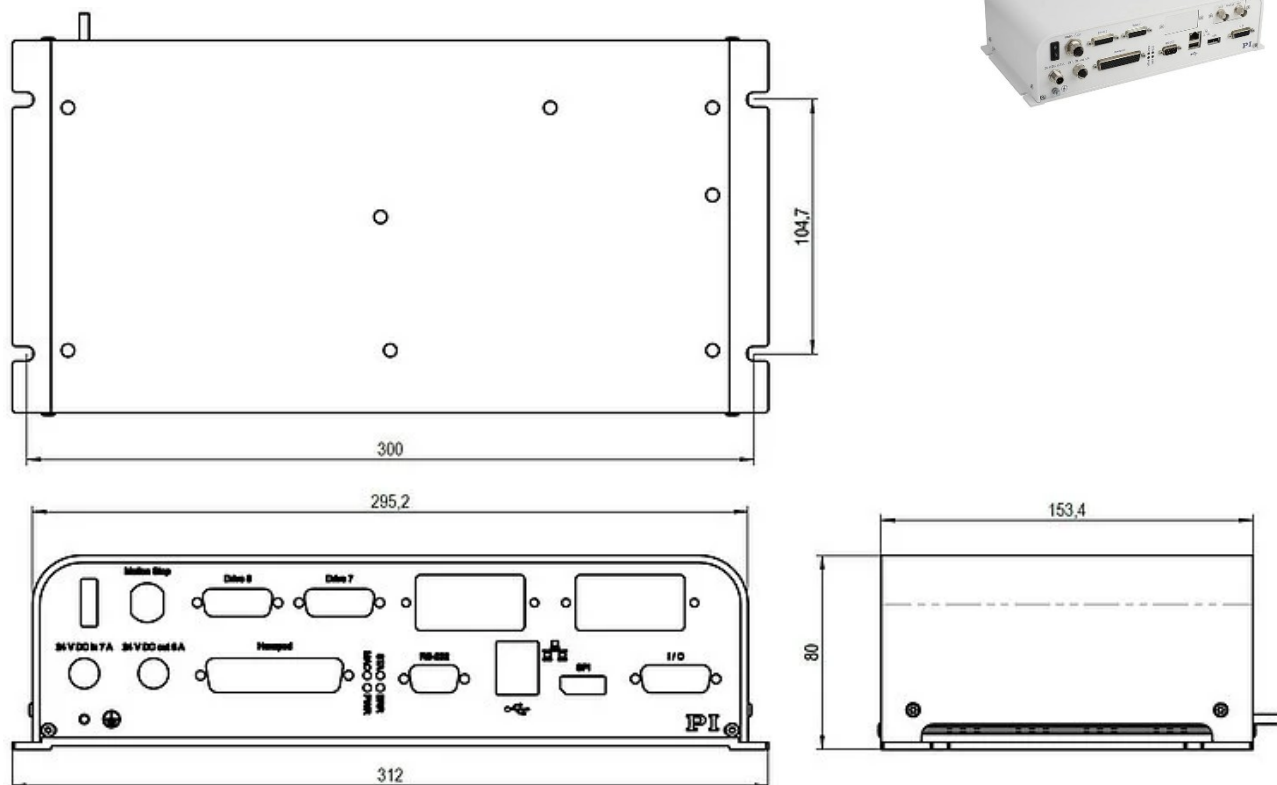
Description

NEWPORT_SAT_H860	Workstation for H860 Hexapod
DEVICE_HOLDER_860	Camera phone holding clamp for H860

H860 Hexapod dimensions in mm



C-887.5220 Controller dimensions in mm



M850B0384 Power supply dimensions in mm

