

Vinten

AutoCam™

SP-2000/X-Y Servo Pedestal

Freely Navigating Pedestal



The SP-2000/X-Y is a freely navigating XY servo pedestal designed to operate with the HS-2010 heads to support full facility CCD studio or portable cameras together with any combination of lens, viewfinder or teleprompter up to a maximum payload of 145kg / 320lbs.

The XY base has specially designed servos with a proprietary guidance and position sensing system that produces a very high performance. A closed loop reference system avoids the need for constant visibility of the reference target during use. Once the target co-ordinates have been loaded in to the system, the pedestal will operate with unparalleled accuracy for extended periods without needing to verify position with external sources. An exclusive split wheel design ensures that the pedestal has a very low cumulative error and will maintain accuracy beyond the length of any expected production.

The SP-2000 can be manoeuvred smoothly and precisely when in manual operation using the MCB-3 pan bar controller. Its small footprint ensures simple and unobtrusive movement with both manual and robotic operation. AutoCam's™ sophisticated navigation software allow the studio to be mapped and objects within it to be located so that pedestal movements can be co-ordinated to ensure collisions are avoided.

The SP-2000/X-Y features an on-board battery back up/uninterruptable power supply, which instantly and invisibly switches over in the event of a power failure. This feature also allows convenient cableless access between studios.



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Technical Specification

Pedestal Weight:	268kg / 590lbs
Pedestal Payload:	145kg / 320lbs
Steer Angle (continuous):	360°
Drive Velocity (max):	300mm / second
Drive Velocity (min):	25.4mm / second
Drive Acceleration (max):	300mm / second
Maximum Residual Error (rotational):	20 Arcseconds
Height Velocity (max):	300mm / second
Height Velocity (min):	25mm / second
Height Acceleration (max):	127mm / second ²
Height Range (min):	620mm / 24.4in
Height Range (max):	1270mm / 50in
Height Repeatability:	±1.0mm

Base Dimensions

Width:	1054mm / 41.5in
Depth:	1016mm / 40in

Target Dimensions

Width:	610mm / 24in
Depth:	610mm / 24in
Number of Targets (min):	One

Power Supply Requirement: 100-240V AC 50/60 Hz
 Power Consumption (peak): 1000w

RS422 Data Cables LDD-CAB-XX XX = Length (max = 1500m)
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