

QUATTRO SE

MANUALLY OPERATED PEDESTAL

The latest new addition to the Vinten Radamec Range, the **Quattro SE** is a lightweight and compact manually operated pedestal with built in encoders, making it perfect for today's virtual studios.



The Quattro SE is a lightweight and compact manually operated studio pedestal with built in encoders, making it perfect for use with today's virtual studio software.

Building on the award winning Quattro S, the SE variant maintains all of the benefits of the ergonomically assisted lifting column, the small doorway width, and the on shot performance of any Vinten pedestal.

To provide the tracking solution, high quality precision encoders have been integrated into the wheels and column. Also included are two electronics modules, a base processor and a head processor, which deliver the accurate position data for all axes. This combination provides precise real time digital electronic positioning over the floor and in elevation.

A PDA is included to provide the configuration and operator's user interface, significantly simplifying the set up in the virtual studio. This is delivered through the latest calibration routines, head set up and optical axis offset input, whilst also providing the operator with enhanced functionality such as quick homing, and virtual set trimming.

The homing procedure has recently been simplified further for ease of operation, with flexibility on the direction and angle of approach, and a fast targeting option. The target itself is two perpendicular lines from a roll of supplied tape, which maybe extended or shortened to suit the requirements for various sets and multiple pedestals.

A cable management system is incorporated into the pedestal, to prevent the cable being caught or tangled during repositioning.

In keeping with Vinten Radamec's aim to simplify virtual tracking solutions, the output from the pedestal is integrated with the 950E and 250E head and lens position feedback into a single data channel to the rendering system of a virtual software image generator.

The combination of simplified homing and set up procedures, precise digital electronic positioning and on shot performance ensure that the Quattro SE is an ideal solution for virtual studios around the world.



Technical Specification

Maximum Height	58.9" / 1498mm
Minimum Height	19.6" / 498mm
Weight (without trim weights)	300.6 lbs / 136.35kg
Maximum Payload	176 lbs / 80 kg
On-Shot Stroke	39.4" / 1000mm
Transit Doorway Width	
(with small steering ring)	29.3" / 74.5cm
(with large steering ring)	32.3" / 82cm
Ground Clearance	0.78" / 20mm
Cable Guards	Single point action
Repeatability	X & Y +/- 70mm +/- 1" (triangle move)
Degrees of Freedom - Pedestal only	4 X, Y, Z & Base Orientation
Degrees of Freedom – additional to pedestal, but included in serial protocol output	
Resolution (X, Y, Z)	4 (P, T, Z, and F)
Resolution (Orientation)	+/- <1mm
Position Protocol for VR system	+/- 0.02°
	Available on request

Specifications and features subject to change without notice

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