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Micrometer Driven Slit Assembly, Monochromators and Spectrographs



The 74001 Micrometer Driven Slit Assembly allows continuously variable width from 4 µm to 3 mm, and continuously variable height from 3 mm to 12 mm with ±10 µm repeatability. ±10 µm accuracy from 4 to 250 µm, and ±5% accuracy from 250 µm to 3 mm can be achieved. This slit assembly uses a precision micrometer drive to adjust the width. All monochromators and spectrographs require one input slit. Monochromators also require slits at each output port. It is recommended to match the type of slit assembly at the input and output ports on the device, where applicable.

This assembly is compatible with the following product families:

- 77250 manually operated monochromator series
- Legacy Cornerstone 130 1/8m monochromator series
- Redesigned Cornerstone 130B 1/8m monochromator series
- Cornerstone 260 1/4m monochromator series
- MS260i 1/4m spectrograph series

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Specifications

Type	Micrometer Driven Variable Slit
Slit Height	3-12 mm
Slit Width	4-3000 µm
Precision	±10 µm
Repeatability	±10 µm

Resources & Downloads

Related Products

Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	**74002** Micrometer Driven Slit Assembly, MS257		In Stock	$848

Compatible

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	77250B 1/8 m Hand Operated Monochromator 77250B 1/8 m Hand Operated Monochromator			
	CS130B 1/8 m Configured Monochromators CS130B 1/8 m Configured Monochromators			

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