



# Sciencetech Modular Spectroscopy Overview Chart

## MONOCHROMATORS AND SPECTROGRAPHS

Model	Focal Length (mm)	F/#	Resolution (nm)	Dispersion (nm/mm)	Turret Configuration	Special Features
Small Series						
9030	100	F/3.2	1	8	Single Grating 32mm x 32mm	Compact Monochromator
9030DA	100x2	F/3.2	0.5	4	Single Grating 32mm x 32mm	Double Additive
9030DS	100x2	F/3.2	1	Effectively 0	Single Grating 32mm x 32mm	Double Subtractive
9072	125	F/3.5	0.4	7	Triple Grating 30mm x 30mm	Motorized Compact Monochromator
9072DA	125x2	F/3.5	0.2	3.5	Triple Grating 30mm x 30mm	Double Additive
9072DS	125x2	F/3.5	0.4	Effectively 0	Triple Grating 30mm x 30mm	Double Subtractive
Standard Series						
9010	200	F/3.5	0.4	4	Double Grating 50mm x 50mm	Manual Monochromator/Spectrograph
9055	250	F/3.5	0.2	4	Triple Grating 50mm x 50mm	Motorized Monochromator/Spectrograph
9055F	250	F/2.5	0.4	3.3	Double Grating 64mm x 64mm	Fast Version Motorized Monochromator/Spectrograph
9055DX	250x2	F/3.5	0.1	1.7	Triple Grating 50mm x 50mm	Motorized Double Additive/Subtractive
9055DX-i	250x2	F/3.5	0.09	1.7	Triple Grating 50mm x 50mm	Motorized Imaging Monochromator/Spectrograph
9057	457	F/8	0.2	1.79	Triple Grating 50mm x 50mm	Half Meter Motorized Monochromator/Spectrograph
9057i	457	F/8	0.1	1.79	Triple Grating 50mm x 50mm	Half Meter Motorized Imaging Monochromator/Spectrograph
9057F	457 57	F/5.9	0.1	1.79	Triple Grating 64mm x 64mm	Fast Version Half Meter Motorized Monochromator/Spectrograph
High Resolution Series						
9040	550	F/6.9	0.03	1.53	Up to 3 Gratings 64mm x 64mm	Half Meter High Resolution
9040F	550	F/5.2	0.03	1.53	Single Grating 84mm x 84mm	Half Meter High Resolution Fast Version
9040EF	550	F/4.0	0.05	1.53	Single Grating 110mm x 110mm	Half Meter High Performance

9040-DS	550	F/6.9	0.03	Effectively 0	Single Grating 64mm x 64mm	Half Meter High Resolution Double Subtractive
9040DA	550	F/6.9	0.015	4	Single Grating 64mm x 64mm	Half Meter High Resolution Double Additive
9490	1000	F/13	0.017	0.83	Up to three gratings 64mm x 64mm	One Meter High Resolution
9490SD	1000	F/13	0.009	0.42	Up to three gratings 64mm x 64mm	One Meter High Resolution Single/Double Pass
9150	1500	F/12	0.013	0.5	Single Grating 110mm x 110mm	One and a Half Meter High Resolution
9150SD	1500x2	F/12	0.0063	0.25	Single Grating 110mm x 110mm	One and a Half Meter Single/Double Pass
9150X	1500	F/25	NA	1pm/1px	Special gratings	One and a Half Meter Echelle Spectrometer

Sciencetech instruments are sold and supported in the United States by:



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