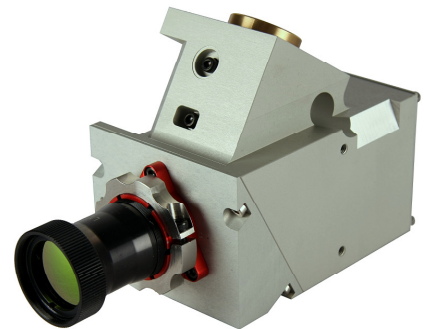


M50M – spectrograph specifications (09.07. 2009)

Spectral range	3.0 μm – 5.0 μm
F[#]	2.0
Transmission of optics	> 65%
Diffraction efficiency	Average > 65%
RMS spot size	60 μm
Dispersion	560 nm/mm
Spectral resolution	35 nm
Smile	< 2 μm
Keystone	< 4 μm
Dimensions (along slit x cross slit x along optical axis)	70 mm X 100 mm X 100 mm
Weight	770 g
Optomechanical output interface	Customized



M43 – Fore lens

Spectral range	3.0 μm – 5.0 μm
Field of View	24°
Dimensions (length X lens tube diameter)	52 mm X 33 mm
Weight	100 g
Optomechanical output interface	Optimized to M50M

M23 – Fore lens

Spectral range	3.0 μm – 5.0 μm
Field of View	45°
Dimensions (length X lens tube diameter)	30 mm X 28 mm
Weight	70 g
Optomechanical output interface	Optimized to M50M