HOLOGRAPHIX®
A Headwall® Group Company

DATA SHEET

MD10 Dual Beam Spectrographs

For OEM Instruments

Headwall's MD10 spectrographs are pre-aligned optical modules designed to easily integrate into your instrument, saving you development cost and reducing your time to market. The MD10 family is a rugged, proven design configurable for your particular application.

APPLICATIONS

- Color measurement
- Process monitoring
- Biomedical

DATASHEET

MD10 DUAL BEAM SPECTROGRAPHS
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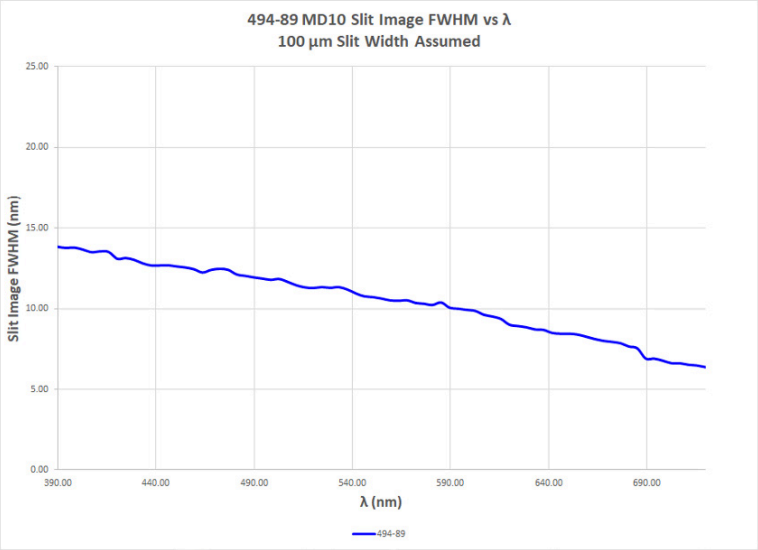
CUSTOMIZABLE AND COST EFFECTIVE

The Headwall MD10 is a dual-beam optical module that features an aberration-corrected diffractive design for high spectral resolution with high throughput, low stray light, and excellent spatial imaging resolution. It is cost effective and versatile, easily customized for use with a variety of CCD and PDA detectors. The MD10 can accept both standard and fiber-optic input, with adjustable wavelength and focus.



MD10 Slit Image FWHM vs ƛ, 100µm Slit Width Assumed

Contact us about the MS10-HR single-beam module if you are looking for a more complete solution for your instrumentation. The MS10-HR features a larger aperture, higher resolution, as well as the option for an SMA or ferrule connector.

Looking inside the MD10

SPECIFICATIONS*	
Aperture	f/3.0
Resolution	5nm with 75µm slit
Stray Light	10-3
Detector Length (dep on Dispersion Length)	Up to 25.6mm in length
Fiber Optic Adapters	Ferrule
Length	135mm/5.31in
Width	82mm/3.23in
Height	50.8mm/2in
Weight	454g/16oz
Material of Body	Anodized Aluminum

*Approximate and subject to change without notice.

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