

≥

 $\geq$ 

## SpectruMM:256 Acton Research

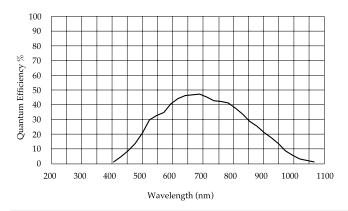
ACTON RESEARCH 1024 x 256 imaging array 26 x 26-µm pixels

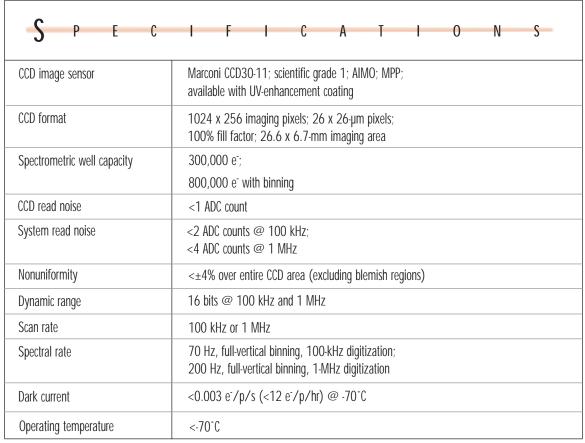
The SpectruMM:256 is a high-performance digital camera system featuring the industry-standard front-illuminated CCD for spectroscopy. The 256 sensor, available in the SpectruMM HP series system, offers deep thermoelectric cooling to below -70°C, ensuring that dark current is effectively nonexistent for most analyses. The SpectruMM:256 delivers sufficient sensitivity and dynamic range to be an excellent workhorse detector in a variety of single- and multistripe spectroscopy applications.

F E A T U R E S	B E N E F I T S
Industry-standard 1024 x 256 imaging array	Spectroscopic format Provides full coverage of spectrometer focal plane
26 x 26-µm pixels	Large pixels with high full well for high signal-to-noise ratio
6.7-mm-tall imaging area	Performs well for both single- and multistripe spectroscopy
Front-Illuminated	Offers affordable, high-quality performance No etaloning
Optional dual digitizers	High speed delivers rapid spectral acquisition Low noise provides the best signal-to-noise ratio
Deep thermoelectric cooling	Provides cooling to below -70°C  Dark current effectively minimized
Lowest noise CCD available	Ideal for extreme low-light measurements









Note: Specifications are typical and subject to change.



≥

≊

 $\simeq$ 

## Roper Scientific / Acton Research Product Literature Data Sheets

## **Brochures**

SpectraPro monochromators

Spectrum Acquisition Systems

Spectroscopy accessories

Guide to system configuration



Gratings

CCD Chips

*GS 1024 x 128 Front* 

GS 1024 x 128 Back

GS 1024 x 256 Front

GS 1024 x 256 Back

S 1340 x 100 Front

S 1340 x 100 Back

S 1340 x100 Red

S 1340 x 100 Back Red

S 1340 x 400 Front

S 1340 x 400 Back

S 1340  $\chi$  400 Red

S 1340 x 400 Back Red

S 1024 x 256 Front

S 1024 x 256 Open Elect.

S 1024 x 256 Back