

RSM Video Raman Microscope

An affordable and versatile accessory for Raman Systems spectrometers



SPECIFICATIONS

Eyepiece:

Wide field 10X (22mm) binocular

Objectives:

Infinity Corrected

Magnification	Working Distance
4X	25 mm
10X	11 mm
20X	8 mm
50X	1.9 mm

Sample Stage:

Dimensions: 190 mm x 150 mm

X-Y Range: 75 mm x 50 mm (manual)

Focusing:

Coaxial coarse & fine adjustment

Fine focusing scale 0.002 mm

Illumination:

Brightfield Kohler

12V 30W brightness variable

Camera

- 1.3 MP Color CMOS
- USB2.0
- C-mount
- 1.8 meter long USB cable
- 0.5X image reduction lens
- 0.01mm linewidth stage micrometer
- Software CD

ORDER CODES

❖ **RSM-785** for spectrometer models
PEK-785-X; PRO-785-X; PRO-785E-X

❖ **RSM-532** for spectrometer model
PRO-532-X

(spectrometers sold separately)

The Raman Systems **RSM Video Raman Microscope** is an upright laboratory microscope that couples to a Raman Systems spectrometer (sold separately). The accessory is supplied with a **Reflected Light, Brightfield Illuminator** and with a **USB Color Video Camera**.

The **RSM Video Raman Microscope** works with the Raman Systems models **PeakSeeker™** and **PeakSeeker Pro™** spectrometers fitted with the external probe option.

The **USB Color Video Camera** facilitates precise sample positioning of the laser spot from the Raman spectrometer onto a solid sample surface.

The **RSM Video Raman Microscope** is supplied with long working distance, infinite plan achromat objectives. The higher magnification objectives provide a smaller laser spot size.

Specifications subject to change without notice.
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