



i-Raman NxG 532

2.954.0010

The i-Raman NxG family represents a new standard in laboratory Raman. Ideal for measurements of carbon nanomaterials, semiconductors, battery materials, and other electrochemical features, the i-Raman NxG 532 displays results in the 150 – 3400 cm⁻¹ Raman shift range.

Discover why the i-Raman NxG is the perfect way to gain control of your quality control measurements:

- High-sensitivity spectrometers can detect the weakest Raman signals.
- Flexible fiber optic probe compatible with a wide array of accessories including a vial holder, cuvette holder, immersion probe, and see-through adapter.
- Powerful SpecSuite software for easy Raman data collection in addition to quantitative model building, identification with spectral libraries, and routine analysis.
- Compact and stackable to save on valuable bench space.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 2.954.0010

Qt.	Order no.	Description
1 PCS	607510040	Polystyrene Validation Cap
		Validation cap with integrated polystyrene standard for lab-grade Raman probes with shaft diameter of 9.5 mm.
		
1 PCS	607510050	Laser key for i-Raman series
		Laser key for i-Raman NxG, i-Raman Duo, and i-Raman Plus systems.
		
1 PCS	607510010	Interlock Plug for i-Raman NxG
		Interlock plug for i-Raman NxG and i-Raman Duo systems.
		
1 PCS	607510000	12V 6.6A power supply for i-Raman NxG
		Power supply for i-Raman NxG and i-Raman Duo systems.
		

1 PCS

607510060

AC Power Cord for i-Raman Series

AC power cord for i-Raman NxG, i-Raman Duo, and i-Raman Plus systems.



1 PCS

607510080

High Throughput Lab-grade Raman Probe (532 nm)

High-throughput lab-grade fiber optic Raman probe assembly with trigger button. 1.5 meter fiber length.

Compatible with i-Raman NxG 532.



1 PCS

607510070

Laser Safety Goggles, 532 nm wavelength

Laser Safety Goggles, 532 nm Wavelength.



1 PCS

607510030

USB-C to USB-C cable for i-Raman series

USB-C to USB-C cable for i-Raman NxG, i-Raman Duo, and i-Raman Plus systems.

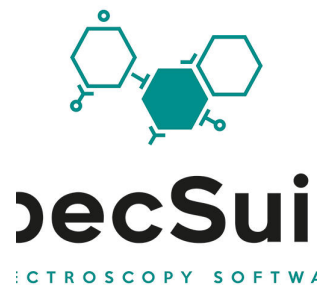


1 PCS

6.6079.140

SpecSuite Software License - Basic License

Basic License for SpecSuite software



1 PCS

607510850

International Plug Adaptor



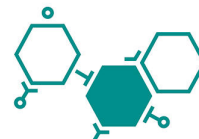
Optional accessories

Order no.	Description	
6.6079.150	SpecSuite Software License - Laboratory Software Identification SpecSuite license for identification. Includes library management module and identification module.	 pecSui SPECTROSCOPY SOFTWARE
66079160	SpecSuite Software License - Laboratory Software Quantification SpecSuite license for quantification. Includes quantitative model development module and routine analysis prediction.	 pecSui SPECTROSCOPY SOFTWARE
66079170	SpecSuite Software License - Regulatory Compliance SpecSuite license for FDFA 21 CFR part 11 regulatory compliance.	 pecSui SPECTROSCOPY SOFTWARE
66079180	SpecSuite Comprehensive Library SpecSuite Metrohm Comprehensive RamanLibrary - More than 27,700 spectral entries of chemicals, minerals, organic chemicals, solvents, polymers, dyes and pigments, TICs, TIMs, inorganics and organometallics, personal care products, and illicit materials.	 pecSui SPECTROSCOPY SOFTWARE

66079190

SpecSuite MCRL Inorganics and Organometallics Organometallics Library

Metrohm Comprehensive Raman Library (MCRL) Inorganics and Organometallics for SpecSuite software.

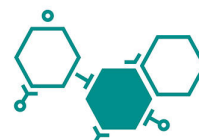


SpecSui
SPECTROSCOPY SOFTWARE

66079200

SpecSuite MCRL Organics Complete Library

Metrohm Comprehensive Raman Library (MCRL) Organics for SpecSuite software.

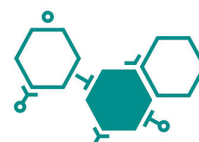


SpecSui
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66079210

SpecSuite MCRL Personal Care Products Products Library

Metrohm Comprehensive Raman Library (MCRL) Personal Care Products for SpecSuite software.

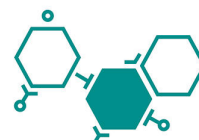


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SPECTROSCOPY SOFTWARE

66079220

SpecSuite MCRL Polymers and Polymer Additives Additives Library

Metrohm Comprehensive Raman Library (MCRL) Polymers and Polymer Additives for SpecSuite software.

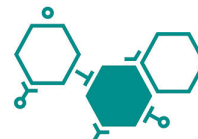


SpecSui
SPECTROSCOPY SOFTWARE

66079230

SpecSuite MCRL Dyes, Pigments, and Stains Library

Metrohm Comprehensive Raman Library (MCRL) Dyes, Pigments, and Stains for SpecSuite software.

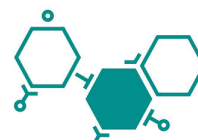


SpecSui
SPECTROSCOPY SOFTWARE

66079240

SpecSuite Minerals Library

Metrohm Minerals library for SpecSuite software.

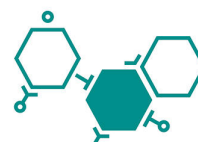


SpecSui
SPECTROSCOPY SOFTWARE

66079250

SpecSuite Comprehensive USP Library

Metrohm Comprehensive USP Raman Library for SpecSuite containing ~900 traceable certified items.

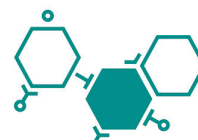


SpecSui
SPECTROSCOPY SOFTWARE

66079260

SpecSuite Illicit and General Chemicals Library

Metrohm Illicit and General Chemicals Raman Library for SpecSuite software. Includes drugs, TICs, TIMs, precursors, and general chemicals.



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607510410

Vial Holder Accessory

Vial holder accessory for use with lab-grade Raman probes with shaft diameter of 9.5 mm. Compatible with 15 mm-diameter vial. 6-pack of 15 mm borosilicate glass vials included.



607510420

Cuvette Holder Accessory

Cuvette holder for use with lab-grade Raman probes with shaft diameter of 9.5 mm. Compatible with standard cuvettes of 12.5 mm x 12.5 mm outer diameter (1 cm path length) for sampling liquids or powders.



607510090

High Throughput Lab-grade Raman Probe (532 nm), 5m

High-throughput lab-grade fiber optic Raman probe assembly with trigger button. 5 meter fiber length.

Compatible with i-Raman NxG 532.



607511010

Stainless Steel Immersion Shaft for Lab-grade Raman Probe

316 Stainless steel immersion shaft compatible with lab-grade Raman probes. Includes adjustable shaft adapter. Compatible with 532, 785, 860 and 1064 nm wavelengths.



607510240

Hastelloy Immersion Shaft for Lab-grade Raman Probe

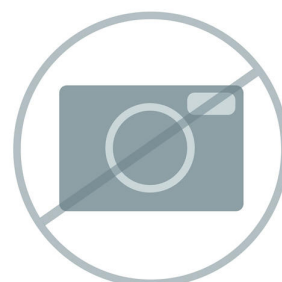
C-276 Hastelloy immersion shaft compatible with lab-grade Raman probes. Includes adjustable shaft adapter. Compatible with 532, 785, 860 and 1064 nm wavelengths.



607510120

Standard Shaft for Lab-Grade Probe (532 nm)

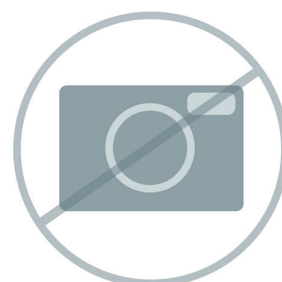
Replacement shaft for 532 nm excitation lab-grade Raman probe assembly. Working distance 5.4 mm.



607510430

Distance Regulator Cap

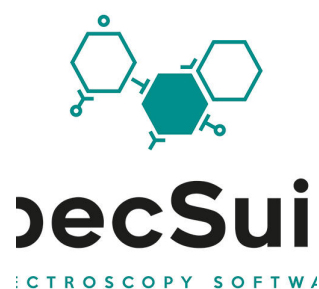
Distance regulator cap for standard lab-grade Raman probe shaft.



66079280

SpecSuite CWA Library

Chemical warfare agents (CWA) library for SpecSuite software.



Explosives library for SpecSuite software.



607511300

Carrying case for i-Raman NxG and i-Raman Plus

Carrying case for i-Raman NxG and i-Raman Plus. The case fits one i-Raman NxG or i-Raman Plus system, a fiber-optic probe, USB and power cables, laser goggles, and laser interlock and keys.

System and accessories are not included. Case dimensions are 22 in x 17.1 in x 10.75 in.



BWT-810000623

Microscope head tripod adaptor

BAC151x-TRI tripod adapter for the BAC151x sampling system with Raman video microscope.



BWT-840000117

Raman Flow Cell (BAC160-SS)

Raman flow-through cell made of stainless steel, for inline Raman measurements of liquid samples by interfacing with standard laboratory probe (9.5 mm diameter; probe is not included in scope of delivery).



BWT-840000295 Vials for liquids, 15 mm in diameter

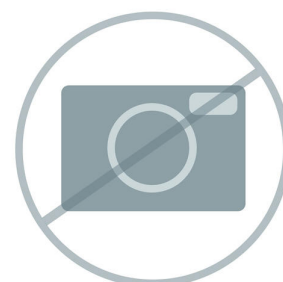
Borosilicate glass vials (diameter 15 mm), package of 6, with pouch.



BWT-840000322 Video Microscope Objective, 10x

Microscope objective, infinity-corrected, 10x, working distance (mm) = 16, focal length (mm) = 20, numerical aperture (NA) = 0.3.

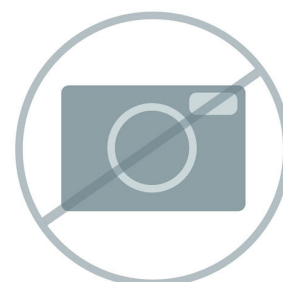
RML110A



BWT-840000323 Video Microscope Objective, 20x (RML120A)

Microscope objective, infinity-corrected, 20x, working distance (mm) = 12, focal length (mm) = 10, numerical aperture (NA) = 0.4.

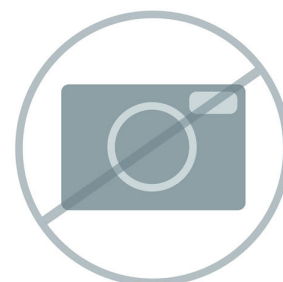
RML120A



BWT-840000325 Video Microscope Objective, 50x (RML150A)

Microscope objective, infinity-corrected, 50x, working distance (mm) = 9.15, focal length (mm) = 4, numerical aperture (NA) = 0.55.

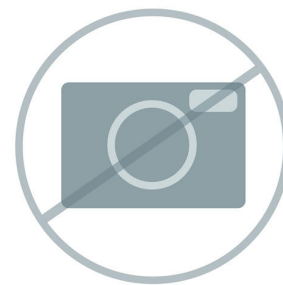
RML150A



BWT-840000328 Video Microscope Objective, 100x

Microscope objective, infinity-corrected, 100x, working distance (mm) = 3.2, numerical aperture (NA) = 0.8, Focal length (mm) = 2.

RML1100A



BW840000463 BAC151x probe adapter

BAC151x Probe Adaptor to connect B&W Tek Lab grade Raman probes to BAC151x Video microscope sampling system. Remove the standard shaft and distance regulator, to use the adaptor and connect the probe head to the video microscope. 3 adaptors per pack.



BWT-840000679 Raman Zoom Lens (20-60 mm)

Zoom lens for our BAC100/BAC102 fiber-optic Raman probes. Working distance is adjustable from 20 mm to 60 mm. Suitable for a Raman excitation range from 500 nm to 850 nm.



BWT-840000680 Raman Zoom Lens (60-600 mm)

Long-working-distance zoom lens for BAC100/BAC102 fiber-optic Raman probes. Working distance is adjustable from 60 mm to 600 mm. Suitable for a Raman excitation range from 500 nm to 850 nm.



BWT-840000681 Raman Stand-off Lens (0.6-6 m)

A telescope Stand-off lens for BAC100/BAC102 fiber-optic Raman probes. Wide zoom range for sample measurement ranges from 0.6 meters to 6 meters. Suitable for a Raman excitation range from 500 nm to 850 nm.

RTS202-VIS-NIR



BWT-840000962 Raman Video Micro-Sampling System (532 nm)

Video microscope sampling system for use with B&W Tek's lab and industrial Raman probes. Includes a 20x objective with a working distance of 16 mm. Offers manual rough and fine adjustment on the X, Y, and Z-axes, coaxial LED illuminator for target alignment, video camera for sample observation, and is compatible with standard microscope objectives. Probe not included, available separately. 532 nm configuration.

BAC151C-532



BWT-840000963 Raman Video Micro-Sampling System (532/785 nm dual)

Video microscope sampling system for use with B&W Tek's lab and industrial Raman probes. Includes a 20x objective at a working distance of 16 mm. Offers manual rough and fine adjustment on the X, Y and Z-axes, coaxial LED illuminator for target alignment, video camera for sample observation, and is compatible with standard microscope objectives. Probe not included, available separately. Dual 532/785 nm configuration.

BAC151C-532/785



BWT-840000965 Raman Video Micro-Sampling Head (532 nm)

Video microscope sampling system head for use with B&W Tek's lab and industrial Raman probes. With coaxial LED illuminator for target alignment and video camera for sample observation. Compatible with standard microscope objectives. Probe not included, available separately. Objective lens not included, available separately. 532 nm configuration.



BWT-840000966 Raman Video Micro-Sampling Head (532/785 nm dual)

Video microscope sampling system head for use with B&W Tek's lab and industrial Raman probes. With coaxial LED illuminator for target alignment and video camera for sample observation. Compatible with standard microscope objectives. Probe not included, available separately. Objective lens not included, available separately. Dual 532/785 nm configuration.



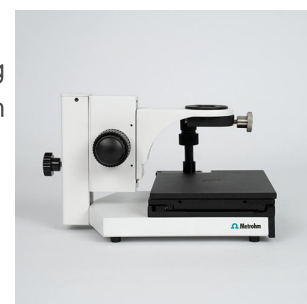
BWT-840000332 Tablet Holder

Tablet holder compatible with all models of BAC100/BAC102 lab-grade fiber-optic Raman probe with 9.5 mm shaft diameter.



607510400 Universal Raman Probe Holder

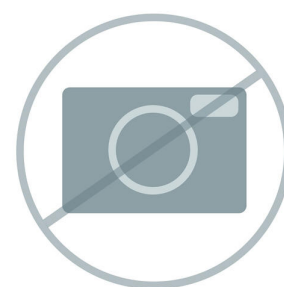
Probe holder for use with Metrohm's lab-grade Raman probes, including lab-grade shafts, industrial-grade immersion shafts, and see-through shafts. Provides manual coarse and fine XYZ adjustments.



607511270 Laser Enclosure for i-Raman NxG

Enclosure for i-Raman sampling accessories, including microsampling system and probe holder. The enclosure eliminates direct ocular and/or skin exposure to the laser emission, making the otherwise class 3B i-Raman series laser as safe as a class 1 laser. The enclosure is ergonomically designed to facilitate sample loading and system operation.

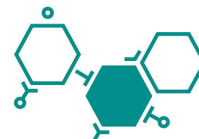
Compatible with i-Raman NxG, i-Raman Duo, and i-Raman Plus products.



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SpecSuite MCRL API Library

Metrohm Comprehensive Raman Library (MCRL) API (Active Pharmaceutical Ingredients) for SpecSuite software.



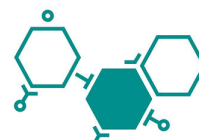
SpecSui

SPECTROSCOPY SOFTWARE

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SpecSuite MCRL Biochemicals Library

Metrohm Comprehensive Raman Library (MCRL) Biochemicals Library for SpecSuite software.



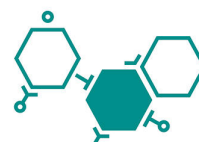
SpecSui

SPECTROSCOPY SOFTWARE

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SpecSuite MCRL Pesticides Library

Metrohm Comprehensive Raman Library (MCRL) Pesticides for SpecSuite.



SpecSui

SPECTROSCOPY SOFTWARE
