


Accessories for 2.926.0020

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 2.926.0020

Qty.	Order no.	Description	
1 pcs	1.926.0020	Mira DS	
		The Metrohm Instant Raman Analyzer (MIRA) DS is a ruggedized, high-performance, handheld Raman spectrometer used for rapid, nondestructive determination of illicit materials, e.g. drugs, explosives, starting materials, and hazardous agents. Despite the small size of the instrument, Mira DS is extremely rugged and features a high-efficiency spectrograph equipped with our unique Orbital-Raster-Scan (ORS) technology. The basic package includes the Library of illicit materials, calibration standard, universal attachment for analyses in bottles or bags or for direct analysis, and the right-angle attachment, ideal for running samples on a surface and/or in a bag. Class 3B operation.	
1 pcs	6.021.08010	Cable USB mini - USB A, 1.5 m	
1 pcs	6.02707.020	Robust carrying case for Mira DS	
		Robust field case for Mira DS and accessories	
1 pcs	6.06071.020	Mira Cal DS USB stick	
		User-friendly software developed primarily for downloading and printing reports, analyzing data, creating spectral libraries, collecting data and managing users.	
1 pcs	6.07501.010	ASTM Calibration Standard	
		50:50 (v:v) Toluene/Acetonitrile ASTM standard for calibration of the wavenumber axis of M-3/P/DS spectrometers. Class 3B operation.	

<p>1 pcs</p>	<p>6.07506.000</p>	<p>Right-angle attachment</p> <p>The Right Angle Attachment is designed to allow the user to collect data by placing the substance on a surface and then laying the Mira down next to it with the right angle tip covering the substance. Ideal for a baggy on hood of a squad car. Eliminates many of the variables during testing. Class 3B operation.</p>	
<p>1 pcs</p>	<p>6.07506.060</p>	<p>Intelligent Universal Attachment</p> <p>iUA - Mira Intelligent 3-Position Collection Optics Accessory. The iUA combines the flexibility of a universal attachment with the intelligent mode of operation of the Mira Smart Attachments. Each position indicates the ideal purpose of that position, i.e. surface, bag, or bottle.</p>	
<p>1 pcs</p>	<p>6.07507.000</p>	<p>Mira Sampling Blackout Cloth</p> <p>Optical Blackout cloth for sampling in sunlight conditions.</p>	
<p>1 pcs</p>	<p>6.2133.020</p>	<p>Lithium battery AA 1.5V/ 2900 mAh</p> <p>1.5V lithium AA batteries, 4 pieces.</p>	
<p>1 pcs</p>	<p>6.2151.110</p>	<p>Cable USB MINI (OTG) - USB A, 1.8 m</p> <p>For connecting USB instruments.</p>	
<p>1 pcs</p>	<p>6.2166.000</p>	<p>USB power supply unit 5V 1A R</p> <p>Power supply unit for the power supply of the 6.1115.100 Optrode if there is no USB connector available for this purpose on a Metrohm device (e.g. with older devices).</p>	

1 pcs 6.6071.633 Mira DS Raman spectral library for illicit materials

The library of illicit materials includes 1200+ drugs, designer drugs, steroids, explosives, pharmaceutical ingredients, and common pharmaceutical excipients.



1 pcs 6.7430.060 Micro Fiber Cleaning Cloth

Cleaning cloth for monitors and optics.



1 pcs 6.7560.010 Protective laser glasses for Mira M-3/P/DS

Proper laser safety precautions should be followed for the use of the Mira products. Protection pursuant to EN 207 is offered with these protective glasses for the 785 nm laser excitation wavelength (also suitable for those who already wear eyeglasses). Work for long periods without difficulties, thanks to the lightweight construction and comfortable design of the protective laser glasses.



Optional accessories

Order no.	Description	
6.07502.000	Vial Holder	<p>Vial holder attachment for Mira M-3/P/DS. Accommodates 15 x 26 mm glass vials.</p> 
6.07505.000	Attachment lens (LWD)	<p>Long distance point-and-shoot Adapter (LWD) for the Mira M-3/P/DS Advanced Package with a focal length of 7.6 mm. Class 3B operation.</p> 
6.07505.010	Attachment lens (SWD)	<p>Short distance point-and-shoot Adapter (SWD) for the Mira M-3/P/DS Advanced Package with a focal length of 1.00 mm. Class 3B operation.</p> 
6.07505.020	Attachment lens (XLWD)	<p>Extra-long distance point-and-shoot Adapter (XLWD) for the Mira M-3/P/DS Advanced Package with a focal length of 18 mm. Class 3B operation.</p> 
6.07506.020	Standoff Attachment	<p>The Standoff Attachment is designed to allow the user to determine the spectrum of a substance from a distance of 0.25 to 1.5 meters. Perfect for determination of the contents of a 55-gallon drum or barrel or to stand in a doorway and scan a container from across the room.</p> 
6.07506.030	Contact Ball Probe Attachment	<p>The Contact Ball Probe Attachment is designed to allow the user to collect data from a sample with no concern of proper focus. Simply contact the sample or immerse the probe to acquire the data. The stainless steel construction allows for easy cleaning. Class 3B operation.</p> 

6.07506.040 SERS attachment

The SERS attachment enables the user to perform a very easy measurement of the SERS spectrum of a substance that has been applied to a P-SERS test strip. After applying a sample to the P-SERS test strip, the user simply inserts it into the slot of the SERS attachment for analysis.



6.07506.050 Protective sheath for contact ball probe

The disposable protective sheath is made of extremely thin LDPE and is used to prevent cross-contamination when using the ball probe in several containers. Quantity: 250 pieces.



6.07506.070 Autofocus Standoff Attachment

6.07506.100 Silver P-SERS Substrate (Ag), 50 pieces

Silver P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with silver P-SERS substrates include illicit drugs, medicines, dyes and amines. Available in packs of 50.



6.07506.110 Silver P-SERS Substrate (Ag), 500 pieces

Silver P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with silver P-SERS substrates include illicit drugs, medicines, dyes and amines. Available in packs of 500.



6.07506.120 Silver P-SERS Substrate (Ag), 5000 pieces

Silver P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with silver P-SERS substrates include illicit drugs, medicines, dyes and amines. Available in packs of 5000.



6.07506.130 Gold P-SERS Substrate (Au), 50 pieces

Gold P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with gold P-SERS substrates include pesticides, medicines, and thiols. Available in packs of 50.



6.07506.140 Gold P-SERS Substrate (Au), 500 pieces

Gold P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with gold P-SERS substrates include pesticides, medicines, and thiols. Available in packs of 500.



6.07506.150 Gold P-SERS Substrate (Au), 5000 pieces

Gold P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that are easier to detect with gold P-SERS substrates include pesticides, medicines, and thiols. Available in packs of 5000.



607506160 Silver P-SERS Substrate (Ag), 25 pieces

Silver P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with silver P-SERS substrates include illicit drugs, medicines, dyes and amines. Available in packs of 25.



607506170 Gold P-SERS Substrate (Au), 25 pieces

Gold P-SERS substrates (Printed SERS substrates). The substrates are designed to fit directly into the SERS attachment for optimal signal collection. Potential target analytes that show favorable performance with gold P-SERS substrates include pesticides, medicines, and thiols. Available in packs of 25.



6.07506.400 ID Kit, Illicit Materials

The ID Kit - Illicit Materials contains all the components a Mira / Misa user requires to analyze a crude street sample and determine whether opioid and other illicit drugs are present. The kit contains a disposable spatula, dropper, a small vial of solvent, and 2 silver P-SERS strips (Ag). The user simply scoops a small amount of the unknown sample into the vial of solvent and then either dip the P-SERS strip into the vial OR use the provided dropper to apply sample onto the strip. The ID.Kit allows the detection and identification of trace amounts of opioid, even in highly fluorescent street samples.



6.07507.100 Mira DS Field Carry Pouch

The Mira DS Field Carry Pouch is a utility pouch with padded sides for carrying the Mira DS into the field. It has space for the Mira DS, four 2AA batteries, the right angle attachment, universal attachment, calibration standard, and a few ID Kits. The Field Carry Pouch can be attached to any of the current military pouch/backpack systems.



6.6071.640 HazMasterG3 Software HazMasterG3®

HazMasterG3® delivers key insights and critical guidance for 167,000+ chemical agents (toxic industrial chemicals (TICs), toxic industrial materials (TIMs), chemical warfare agents (CWAs), precursors, trade names, etc.).



6.6071.650 Mira Lib KnowItAll™ – Full Raman Library Collection

Metrohm entered into a partnership with Wiley KnowItAll™ to provide an extensive collection of Raman spectra for Mira DS spectrometers. The complete Raman spectral library, with more than 19,500 entries, is comprised of 7 sub-libraries suitable for the identification of unknowns and characterization of a very wide variety of materials. 10 year license.



6.6071.651 Mira Lib KnowItAll™ – Controlled and Prescription Substances

Raman spectra of controlled substances, narcotics, prescription drugs, steroids, illicit materials, and precursors (> 2,460). 5 year license.



6.6071.652 Mira Lib KnowItAll™ – Flavors and Fragrances

Raman Spectra of flavors, fragrances, food additives, and other substances (> 580). 5 year license.



6.6071.653 Mira Lib KnowItAll™ – Nutraceuticals

Raman spectra of nutraceuticals, dietary supplements, and food additives (> 460). 5 year license.



6.6071.654 Mira Lib KnowItAll™ – Inorganics and Organometallics

Raman spectra of inorganic and organometallic compounds and minerals (> 830). 5 year license.



6.6071.655 Mira Lib KnowItAll™ – Polymers, Monomers, and Processing Chemicals

Raman spectra of polymers, monomers and processing chemicals including additives, plasticizers, and packaging materials (>1,500). 5 year license



6.6071.656 Mira Lib KnowItAll™ – Organic Chemicals

Raman spectra of organic compounds including TICs, TIMs, and industrial chemicals (>7,500). 5 year license.



6.7502.010 Glass Vials for Mira, 144 pieces

Glass vials for use with Mira M-3/P/DS Basic and Advanced packages. 15 mm x 26 mm. 144 glass vials are included in the scope of delivery.



6.7503.100 Mira Protective Boot

Mira Protective Boot provides an extra layer of safety to Mira M3/P/DS devices with Mira Protective Boot. Made with a chemically resistant TPA material and specially designed to work with all Smart Attachments, the protective boot easily installs for a ruggedized feel and extra protection.



6.7503.110 PowerPack Protective Boot

PowerPack Protective Boot provides an extra layer of safety to PowerPack. Made with a chemically resistant TPA material and specially designed to work with Mira, the protective boot easily installs for a ruggedized feel and extra protection.



6.7560.200 Mira PowerPack Kit

The Mira PowerPack Kit contains the Mira PowerPack rechargeable external battery, a charger with USB-C socket and a charger cable with USB-C plug. Designed for Mira M3, Mira P and Mira DS, the kit increases the period of usable charge to more than 8 hours.

