






Accessories for 2.924.0010

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 2.924.0010

Qty.	Order no.	Description	
1 pcs	1.924.0010	Mira M-3 Basic Package	
		<p>The Metrohm Instant Raman Analyzer (MIRA) M-3 is a high performance, handheld Raman spectrometer used for rapid, nondestructive identification and verification of different material types, such as Pharmaceutical APIs and excipients. Despite the small size of the instrument, the M-3 has a ruggedized design and features a high-efficiency spectrograph design equipped with our unique Orbital-Raster-Scan (ORS) technology. The Mira M-3 is fully compliant with FDA 21 CFR Part 11 regulations.</p> <p>The Basic Package includes a vial attachment for measuring samples directly through glass vials in a laser Class 1 configuration.</p>	
1 pcs	6.02707.000	Carrying case for Mira M-3	
		Protective case for the Mira M-3 and all accessories.	
1 pcs	6.06071.010	Mira Cal Pharma USB Stick	
		Simple-to-use software that is primarily used for downloading and analyzing data, printing reports, creating spectral libraries and operating procedures, as well as managing 21 CFR Part 11 compliance.	
1 pcs	6.06071.040	Calibrate/Verify Accessory (CVA)	
		50:50 (v:v) Toluene/Acetonitrile ASTM standard for calibration of the wave number axis of Mira M-3/P spectrometers and polystyrene for wave number verification according to EP 2.2.48.	
1 pcs	6.06073.000	Raman Spectral USP Library	
		The USP library for the Mira M-3/P contains more than 500 certified secondary USP standards for pharmaceutical API's and excipients.	

1 pcs	6.07501.010	ASTM Calibration Standard	
<p>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	6.07502.000	Vial Holder	
<p>Vial holder attachment for Mira M-3/P/DS. Accommodates 15 x 26 mm glass vials.</p>			
1 pcs	6.2133.020	Lithium battery AA 1.5V/ 2900 mAh	
<p>1.5V lithium AA batteries, 4 pieces.</p>			
1 pcs	6.2151.110	Cable USB MINI (OTG) - USB A, 1.8 m	
<p>For connecting USB instruments.</p>			
1 pcs	6.2166.000	USB power supply unit 5V 1A R	
<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	6.7430.060	Micro Fiber Cleaning Cloth	
<p>Cleaning cloth for monitors and optics.</p>			

1 pcs**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.



Optional accessories

Order no.	Description	
6.06073.601	Complete collection of Raman spectra (> 8,690 spectra)	
	Metrohm provides an extensive collection of Raman spectra for Mira spectrometers. The complete Raman spectral library, with more than 8,690 spectra, is comprised of 21 sublibraries and is thus eminently suited for the identification of unknown Raman spectra and for the characterization of a very wide variety of materials.	
6.06073.602	Raman spectral library for the pharmaceutical industry	
	Raman spectra of active substances and auxiliary materials that are relevant to the pharmaceutical industry and medical research (> 1,170)	
6.06073.603	Raman spectral library for the solvents	
	Raman spectra of solvents (> 460 spectra).	
6.06073.604	Raman spectral library for the polymer industry	
	Raman spectra of polymers, polymer additives, plastics, plasticizers, and packaging materials (> 920 spectra).	
6.06073.605	Raman spectral library of aldehydes and ketones	
	Raman spectra of aliphatic and aromatic aldehydes and ketones (> 1,070 spectra).	
6.06073.606	Raman spectral library of alcoholic and phenolic compounds	
	Raman spectra of alcoholic and phenolic compounds (> 890 spectra).	

6.06073.607 Raman spectral library of esters, lactones, and anhydrides

Raman spectra of esters, lactones, and anhydrides (> **2,930** spectra).



6.06073.608 Raman spectral library of (halogenated) hydrocarbons

Raman spectra of hydrocarbons and halogenated hydrocarbons (> **560** spectra).



6.06073.609 Raman spectral library for the semiconductor industry

Raman spectra of chemical substances that are used in the semiconductor industry (> **370** spectra).



6.06073.610 Raman spectral library of hazardous substances (EPA, USCG)

Raman spectra of selected hazardous substances that are listed in the "EPA Cameo Database for Chemical Emergencies and Responders" and the "USCG CHRIS Hazardous Chemicals Database (> **1,360** spectra).



6.06073.611 Raman spectral library for hazardous substances (EPA, USCG, NIOSH)

Raman spectra of selected hazardous substances that are listed in the "EPA Cameo Database for Chemical Emergencies and Responders", "USCG Chris Hazardous Chemicals Database" and "NIOSH Guide to Chemical Hazards Databases", as well as chemicals that are regulated by the "Toxic Substances Control Act" (> **3,030** spectra).



6.06073.612 Raman spectral library for forensic analysis

Raman spectra of substances that are relevant to forensic analysis (> **740** spectra).



6.06073.613 Raman spectral library of agricultural chemicals

Raman spectra of pesticides, insecticides, herbicides, fungicides, algicides, and similar agricultural chemicals (> **460** spectra).



6.06073.614 Raman spectral library for the dye industry

Raman spectra of selected dyes, colorants, pigments, and indicators (> **300** spectra).



6.06073.615 Raman spectral library of sulfur and phosphorus compounds

Raman spectra of sulfur and phosphorus compounds (> **970** spectra).



6.06073.616 Raman spectral library of substances with a high production volume

Raman spectra of substances with a high production volume, as listed in the "HPV Challenge Program Chemical List" (> **690** spectra).



6.06073.617 Raman spectral library of minerals and inorganic materials

Raman spectra of minerals and inorganic materials (> **1,410** spectra). This library is not included in the complete Raman spectral library (6.6071.601). The library is comprised of > 450 Raman spectra of minerals and > **960** Raman spectra of inorganic materials.



6.06073.618 Raman spectral library of minerals

Raman spectra of minerals (> **450** spectra; extracted from the 6.6071.617 spectral library).



6.06073.619 Raman spectral library of inorganic materials

Raman spectra of inorganic materials (>960 spectra; extracted from the 6.6071.617 spectral library).



6.06073.620 Raman spectral library of food additives

Raman spectra of food additives, including FDA-controlled substances. Additionally, spectra of indirect food additives and substances that come into contact with foodstuffs, such as packaging materials and associated processing chemicals (> 1,070 spectra).



6.06073.621 Raman spectral library of biochemicals

Raman spectra of biochemicals, including vitamins, resins, starches, glycerins, fatty acids, sugars, carbohydrates, proteins, and peptides (> 1,900 spectra).



6.06073.622 Raman spectral library of flavors and scents

Raman spectra of flavors, scents, and other substances that are used for manufacturing cosmetics and fragrances (> 1,030 spectra).



6.07504.000 Tablet Holder

Tablet holder attachment for the Mira M-3/P/DS that is used for analysis of formulated tablets of various sizes and shapes.



6.07506.010 Universal attachment

The Universal attachment is designed to be a universal tip for use in three different positions. Position 3 is used for direct contact. Position 2 is used for thin plastic bags, for which the focal point is approximately < 1.0 mm from the end of the adapter. Position 1 is used for focusing through bottles, for which the focal point is approximately 8 mm from the end of the metal tip. Class 3B operation.



6.07506.050 Protective sheath for contact ball probe

The disposable protective sheath is an extremely thin latex sheath used to prevent cross-contamination when using the ball probe in multiple containers. Quantity: 250 pieces.



6.07507.000 Mira Sampling Blackout Cloth

Optical Blackout cloth for sampling in sunlight conditions.



6.7560.200 Mira Power Pack Kit

The Mira Power Pack Kit contains the Mira Power Pack 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.

