

## Accessories for 2.923.0010

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 2.923.0010

Qty.	Order no.	Description	
1 pcs	1.923.0010	<b>Mira M-1 Basic Package</b>	<p>The <b>Metrohm Instant Raman Analyzers (Mira)</b> are handheld, high-performance Raman spectrometers for rapid, nondestructive analysis of chemical and pharmaceutical samples, be they liquid or solid. Barely larger than a smartphone, the Mira spectrometers are the only handheld Raman analyzers available with Orbital-Raster-Scan (ORS) technology. With the Basic Package, with integrated sample holder, the samples can be presented directly in small vials for ready use in the Mira M-1 spectrometer (laser protection class 1).</p> 
1 pcs	6.2133.000	<b>Batteries LR6, 1.5V, 4 pieces</b>	<p>1.5 V LR6 type. Set of 4 pieces. Used with 704 pH Meter, 773 pH/mV Simulator</p> 
1 pcs	6.2151.110	<b>Cable USB MINI (OTG) - USB A, 1.8 m</b>	<p>For connecting USB instruments.</p> 
1 pcs	6.2166.000	<b>USB power supply unit 5V 1A R</b>	<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	<b>Micro Fiber Cleaning Cloth</b>	<p>Cleaning cloth for monitors and optics.</p> 

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**1 pcs**     **6.7502.000**     **Glass vials for Mira M-1 Basic and Advanced Package**

Glass vials suitable for use with Mira M-1 Basic and Advanced Package.



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**1 pcs**     **6.7550.000**     **ABS/TiO<sub>2</sub> calibration standard**

ABS/TiO<sub>2</sub> standard for the calibration of the wavenumber scale of the Mira spectrometers.



## Optional accessories

Order no.	Description	
<b>6.6071.000</b>	<b>Mira Cal software</b>	
	The user-friendly Mira Cal software is used primarily for saving data, data transfer and the activation/deactivation of spectral libraries. In addition, Mira Cal is ideal for using the "open library" principle. This means that libraries can be created that are tailored to the solving of a very specific problem.	
<b>6.6071.601</b>	<b>Complete collection of Raman spectra (&gt; 8,690 spectra)</b>	
	Metrohm provides an extensive collection of Raman spectra for Mira spectrometers. The complete Raman spectral library, with more than <b>8,690</b> 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.	
<b>6.6071.602</b>	<b>Raman spectral library for the pharmaceutical industry</b>	
	Raman spectra of active substances and auxiliary materials that are relevant to the pharmaceutical industry and medical research (> <b>1,170</b> spectra).	
<b>6.6071.603</b>	<b>Raman spectral library of solvents</b>	
	Raman spectra of solvents (> <b>460</b> spectra).	
<b>6.6071.604</b>	<b>Raman spectral library for the polymer industry</b>	
	Raman spectra of polymers, polymer additives, plastics, plasticizers, and packaging materials (> <b>920</b> spectra).	
<b>6.6071.605</b>	<b>Raman spectral library of aldehydes and ketones</b>	
	Raman spectra of aliphatic and aromatic aldehydes and ketones (> <b>1,070</b> spectra).	

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**6.6071.606 Raman spectral library of alcoholic and phenolic compounds**

Raman spectra of alcoholic and phenolic compounds (> **890** spectra).



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**6.6071.607 Raman spectral library of esters, lactones, and anhydrides**

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



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**6.6071.608 Raman spectral library of (halogenated) hydrocarbons**

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



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**6.6071.609 Raman spectral library for the semiconductor industry**

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



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**6.6071.610 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).



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**6.6071.611 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).



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**6.6071.612 Raman spectral library for forensic analysis**

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



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**6.6071.613 Raman spectral library of agricultural chemicals**

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



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**6.6071.614 Raman spectral library for the dye industry**

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



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**6.6071.615 Raman spectral library of sulfur and phosphorus compounds**

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



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**6.6071.616 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).



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**6.6071.617 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.



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**6.6071.618 Raman spectral library of minerals**

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



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**6.6071.619 Raman spectral library of inorganic materials**

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



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**6.6071.620 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).



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**6.6071.621 Raman spectral library of biochemicals**

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



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**6.6071.622 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).



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**6.6071.623 Raman spectral library for Illicit Materials**

Raman spectral library of > 1,200 compounds, including narcotics, explosives, precursors, chemicals, plastics and pharmaceutical compounds.

