
















ELPI®+ ACCESSORIES

ELPI®+ units		
<p>ELPI®+ Unit with Analysis Plates</p> <p>Incl. ELPI®+ unit with impactor and charger unit, 2 m of sample hose (IPR-212), vacuum hose (IA-322B), aluminium foils (CF-300), greased aluminium foils (CFG-225), Apiezon-L grease (AG-10), substrate positioning tool (N1591), spare charger needle (N1281), RS-232 cable with USB adapter, connectors, power supply with mains cable, user manuals and calibration certificate.</p>	ELPI+	
<p>ELPI®+ Unit with Sintered Collection Plates</p> <p>Incl. ELPI®+ unit with impactor and charger unit with sintered collection plates, 2 m of sample hose (IPR-212), vacuum hose (IA-322B), spare charger needle (N1281), RS-232 cable with USB adapter, connectors, power supply with mains cable, user manuals and calibration certificate.</p>	ELPI+A	
<p>ELPI®+ Spare Impactor and Charger unit</p> <p>N1312 is intended for use as ELPI®+ spare impactor only. For existing users, please inform the serial number of the ELPI®+ together with the purchase order.</p>		
<p>Unit with analysis plates</p> <p>Unit with sintered plates</p>	<p>N1312</p> <p>N1312A</p>	
<p>High Temperature ELPI®+ (HT-ELPI®+)</p> <p>110 V with analysis plates</p> <p>110 V with sintered collection plates</p> <p>230 V with analysis plates</p> <p>230 V with sintered collection plates</p> <p>HT-ELPI®+ incl. ELPI+/ELPI+A, heating unit with control for external heater, impactor heater, charger insulator, 1.5 m heated sampling line, Teflon insulators for the impactor, temperature sensor for HT-ELPI®+ inlet, needed cables and connectors</p>	<p>HTELP1+110</p> <p>HTELP1+110A</p> <p>HTELP1+230</p> <p>HTELP1+230A</p>	
<p>ELPI®+ upgrade to HT-ELPI®+, 110 V</p> <p>ELPI®+ upgrade to HT-ELPI®+, 230 V</p>	<p>N1393</p> <p>N1393B</p>	

<p>HT-ELPI[®]+ Spare Impactor and Charger unit</p> <p>Intended for use as HT-ELPI[®]+ spare impactor only. For existing users, please inform the serial number of the ELPI[®]+ together with the purchase order.</p> <p>230 V unit with analysis plates</p> <p>230 V unit with sintered plates</p> <p>110 V unit with analysis plates</p> <p>110 V unit with sintered plates</p>	<p>N1696</p> <p>N1696A</p> <p>N1699</p> <p>N1699A</p>	
<p>High Resolution ELPI[®]+ with analysis plates</p> <p>HR-ELPI[®]+ incl. ELPI[®]+ and high-resolution software to get the size distribution in up to 500 size channels.</p> <p>High Resolution ELPI[®]+ with sintered collection plates</p> <p>ELPI[®]+ upgrade to HR-ELPI[®]+</p> <p>Incl. HR-ELPI[®]+VI software and firmware</p>	<p>HRELPI+</p> <p>HRELPI+A</p> <p>N1543</p>	
<h2 style="background-color: #c00000; color: white; padding: 5px;">PUMPS</h2>		
<p>Vacuum Pumps</p> <p>DP25 230 V / 50 Hz</p> <p>DP25B 100 V / 50 Hz</p> <p>DP25B 115 V / 60 Hz</p> <p>Dry Scroll Pump nXDS20i (100-127 V and 200-240 V)</p>	<p>IA-904</p> <p>IA-908</p> <p>IA-909</p> <p>IA-931</p>	
<h2 style="background-color: #c00000; color: white; padding: 5px;">ACCESSORIES</h2>		
<p>Impactor analysis plate set, 14pcs</p> <p>Spare set of impactor analysis plates. Incl. 14 pcs of ELPI[®]+ impactor collection plates and a storage case.</p> <p>ELPI[®]+ analysis plate set with foils and grease</p> <p>Set includes 14 pcs of ELPI[®]+ impactor analysis plates and a storage case (N1322), Apiezon-L grease (AG-10), 300 pcs of aluminium foils (CF-300), 100 pcs of grease aluminium foils (CFG-225), tweezers (IPR-403) and substrate positioning tool (N1591).</p> <p>Storage case for ELPI[®]+ collection plates</p>	<p>N1322</p> <p>N1698</p> <p>N1379</p>	

<p>Impactor sintered collection plate set, 14 pcs</p> <p>Sintered collection plates to prevent impactor overloading and particle bounce. Sintered collection plates allow 10 or 20 times longer measurement times without need to clean the impactor.</p>	<p>N1369</p>	
<p>Dekati® Sample Conditioning and Dilution Instruments</p> <p>All Dekati® Sample Conditioning and Dilution Instruments are compatible with ELPI®+:</p> <ul style="list-style-type: none"> • Dilution systems w/o heating for variable sample conditions • Volatile particle removers including evaporation tubes and catalytic strippers • Sample dryers • Heated sampling lines • Pre-separator inlets including cyclones and ambient air inlets • Isokinetic sampling nozzles • High temperature sampling probes • Etc. <p>Some examples are presented in the following pages.</p>		
<p>Dekati® Diluter</p> <p>For diluting the sample with 1:8 dilution factor</p> <p>Dekati® Double Diluter</p> <p>Two stage dilution system with two Dekati® Diluters</p> <p>Accessories for full setup for exhaust measurements:</p> <p>230 V</p> <p>110 V</p>	<p>DI-1000</p> <p>DI-2000</p> <p>DI-2003</p> <p>DI-2001</p>	
<p>Dekati® Cyclone</p> <p>Pre-separator cyclone for removing particle >10 µm from the sample</p>	<p>SAC-65</p>	
<p>Dekati® DEED</p> <p>For conditioning exhaust sample according to EURO6 regulation.</p> <p>230 V</p> <p>110 V</p>	<p>DEED-100</p> <p>DEED-100B</p>	

<p>DEED-300 High Pressure Diluter</p> <p>Dilution system for sampling from high pressure conditions</p>	<p>DEED-300</p>	
<p>Dekati® eDiluter™</p> <p>Two-stage, compact dilution system with first dilution stage heated and fixed dilution factor.</p> <p>230 V 110 V</p> <p>Dekati® eDiluter™ Pro</p> <p>Two-stage, compact and versatile dilution system with first dilution stage heated and adjustable dilution factor</p> <p>230 V 110 V</p> <p>Dekati® eDiluter™ Pro 1200C</p> <p>Dekati® eDiluter™ Pro combined with Dekati® High Temperature Sampling Probe for sampling from up to 1200 °C.</p> <p>230 V 110 V</p>	<p>eDiluter230 eDiluter110</p> <p>eDilpro230 eDilpro110</p> <p>eDilHot110V eDilHot230V</p>	
<p>Heated sampling line</p> <p>Incl. perforated probe and connectors</p> <p>1.5 m, 230 V 1.5 m, 110 V 3 m, 230 V 3 m, 110 V</p>	<p>DEED-150 DEED-150D DEED-150C DEED-150B</p>	
<p>Heated probe, 1 m</p> <p>For sampling from max 600 °C</p> <p>230 V (also available as 2 m version) 110 V</p> <p>Can be operated with temperature controller DR-1623/DR-1611.</p>	<p>ELA-460 ELA-460B</p>	



<p>Temperature controller</p> <p>Temperature controller to operate ELA-460/ELA-460B. Same controller for the Dekati® Cyclone heater and Dekati® Diluter heater.</p> <p>230 V 110 V</p>	<p>DR-1623 DR-1611</p>	
<p>Sampling probe set for isokinetic sampling</p> <p>Set incl. 11 pcs stainless steel sampling probes (3,45-3,81-4,16-4,57-5,0-5,46-5,92-6,71-7,62-8,69-9,9 mm) Sampling probes can be directly connected into SAC-65 sampling cyclone inlet (R3/8") or IPR-500.</p> <p>Set includes also 11 pcs Cu gaskets 17/21x1.5 mm</p> <p>One nozzle from SAC-100 set</p>	<p>SAC-100 SAC-0010</p>	
<p>Dekati® Stack Emission Dryer</p> <p>To remove humidity from the sample</p> <p>120 cm 120 + 60 cm</p>	<p>DD-120 DD-126</p>	
<p>TSP Inlet for ambient air measurements</p> <p>Suitable for both 10 and 30 lpm</p>	<p>IPR-126</p>	
<p>PM10 inlet for ambient air measurements</p> <p>EN 12341 PM10 inlet downscaled to 10 lpm</p>	<p>IPR-227</p>	
<p>Dekati® Dryer for ambient air measurements</p> <p>Complete setup with PM10 inlet and connectors</p>	<p>DD-600 DD-603</p>	

ELPI®+ CONSUMABLES

Collection substrates

<p>Aluminium foils, 300 pcs, Ø25 mm Collection foils for ELPI®+ impactor stages</p> <p>Greased aluminium foils, 100 pcs, Ø25 mm Pre-greased with Apiezon-L</p>	<p>CF-300</p> <p>CFG-225</p>	
<p>Polycarbonate collection foils, 100 pcs, Ø25 mm Collection foils for ELPI®+ impactor stages, suitable for chemical analysis</p>	<p>IPR-200</p>	

Substrate greasing

<p>Apiezon-L grease Impactor foil grease 10 g incl. mixing jar 1:20. Max 100 °C.</p>	<p>AG-10</p>	
<p>Dekati® Collection Substrate Spray For fast greasing of the collection substrates. Stencil not included. Hazardous material, needs special packaging/transportation.</p>	<p>DS-515</p>	
<p>Dekati® 25 mm stencil For greasing of 15 foils at one time with the Collection Substrate Spray.</p>	<p>DS-125</p>	
<p>Apiezon-H grease Impactor foil grease 25 g, max 200 °C</p>	<p>AG-25</p>	