

## DEKATI® PM10 IMPACTOR ACCESSORIES

### Dekati® PM10 Impactor units

#### Dekati® PM10 Impactor

Incl. Dekati® PM10 Impactor unit, substrate positioning tool (IPR-400), high temperature bolts (IPR-113), NW16 clamps (IPR-503) 2 pcs, NW16 gaskets (IPR-504) 2 pcs, blind NW16 flange for the impactor inlet, NW16/12 mm tube connector (IPR-103), storage case for collection plate set, carry case for impactor and accessories, user manual and calibration certificate.

3-stage impactor with PM10, PM2.5, PM1 stages and Ø47 mm absolute filter stage

Flow rate 10 lpm

PMS-410

Flow rate 30 lpm

PMS-430

2-stage impactor with PM10, PM2.5 stages and Ø47 mm absolute filter stage

Flow rate 10 lpm

PMS-510

Flow rate 30 lpm

PMS-530

2-stage impactor with PM10, PM1 stages and Ø47 mm absolute filter stage

Flow rate 10 lpm

PMS-610

Flow rate 30 lpm

PMS-630



### PUMPS

#### PM10 impactor pump

Complete sampling pump setup for 10 or 30 lpm PM10 impactor including pump, water droplet removal filter, mass flow sensor and sampling hose.

230 V





PMP-500

110 V

PMP-450





<b>ACCESSORIES</b>		
<p><b>Dekati® PM10 Impactor collection plate set</b></p> <p>10 and 2.5 µm collection plates plus storage case</p> <p>10 and 1 µm collection plates plus storage case</p> <p>3 collection plates plus storage case</p>	<p>CP-301</p> <p>CP-302</p> <p>CP-303</p>	
<p><b>TSP Inlet for ambient air measurements</b></p> <p>Suitable for both 10 and 30 lpm</p>	<p>IPR-126</p>	
<p><b>PM10 inlet for ambient air measurements</b></p> <p>EN 12341 PM10 inlet downscaled to 30 lpm</p> <p>EN 12341 PM10 inlet downscaled to 10 lpm</p>	<p>IPR-127</p> <p>IPR-227</p>	
<p><b>Sampling probe set for isokinetic sampling</b></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>SAC-100</p>	
<p>One nozzle from SAC-100 set</p>	<p>SAC-0010</p>	
<p><b>PM10 Impactor heating jacket</b></p> <p>Enables heating of the Dekati® PM10 Impactor up to 200 °C.</p> <p>230 V</p> <p>110 V</p>	<p>PH-2023</p> <p>PH-2011</p>	
<p><b>Temperature controller for PM10 impactor heater</b></p> <p>Temperature controller for operating the heating jacket (PH-2023 or PH-2011).</p> <p>230 V</p> <p>110 V</p>	<p>DR-2123</p> <p>DR-2111</p>	

<p><b>Heated sampling line</b></p> <p>Incl. perforated probe and connectors</p> <p>1.5 m, 230 V</p> <p>1.5 m, 110 V</p> <p>3 m, 230 V</p> <p>3 m, 110 V</p> <p>Can be operated with temperature controller DR-1623/DR-1611.</p>	<p>DEED-150</p> <p>DEED-150D</p> <p>DEED-150C</p> <p>DEED-150B</p>	
<p><b>Heated probe, 1 m</b></p> <p>For sampling from max 600 °C</p> <p>230 V (also available as 2 m version)</p> <p>110 V</p> <p>Can be operated with temperature controller DR-1623/DR-1611.</p>	<p>ELA-460</p> <p>ELA-460B</p>	
<p><b>Temperature controller</b></p> <p>Temperature controller to operate ELA-460/ELA-460B. Same controller for the Dekati® Cyclone heater, Heated Sampling line DEED-150X and Dekati® Diluter heater.</p> <p>230 V</p> <p>110 V</p>	<p>DR-1623</p> <p>DR-1611</p>	
<p><b>Dekati® Stack Emission Dryer</b></p> <p>To remove humidity from the sample</p> <p>120 cm</p> <p>120 + 60 cm</p>	<p>DD-120</p> <p>DD-126</p>	

## CONSUMABLES

### Collection substrates

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

<p><b>Filters for filter stage, Ø47 mm</b>  <b>EMFAB filter, TX40 (100 filters), Ø47 mm</b>          Incl. 100 filters for the filter stage  <b>Teflon filter (50 filters), 2 µm, Ø47 mm</b>          Incl. 50 filters for the filter stage</p>	<p>PMF-047  PMT-247</p>	
<b>Substrate greasing</b>		
<p><b>Apiezon-L grease</b>          Impactor foil grease 10 g incl. mixing jar 1:20. Max 100 °C.</p>	<p>AG-10</p>	
<p><b>Dekati® Collection Substrate Spray</b>          For fast greasing of the collection substrates. Stencil not included.          Hazardous material, needs special packaging/transportation.</p>	<p>DS-515</p>	
<p><b>Dekati® 25 mm stencil</b>          For greasing of 15 foils at one time with the Collection Substrate Spray.</p>	<p>DS-125</p>	
<p><b>Apiezon-H grease</b>          Impactor foil grease 25 g, max 200 °C.</p>	<p>AG-25</p>	