



<b>Operating principle</b>	The filter combination consists of two filter systems, which are connected in series. A manometer (economometer) is mounted at the input connection and displays the abrasion. The filter combination is delivered in pre-assembled including a rotatable wall fastening.	
<b>Dimensions</b>	Height (incl. manometer):	285 mm
	Width (total):	180 mm
	Depth (total):	110 mm
	Pneumatic connection:	G 1/4" (input and output)
<b>Mounting</b>	The filter combination has been mounted vertically.	
<b>Weight</b>	1,0 kg (volume 0,35 l) per filter	
<b>Medium</b>	Air or neutral gas (filtered)	
<b>Material</b>	Surface	: Polyester resin (powder-coated)
	Case	: Aluminium pressure casting
	Union nut	: Aluminium with acoustic warning signal
	Economometer	: Plastic
	Enclosure sealing	: Solvent free O-ring (material Perbunan)
<b>Operating Pressure</b>	Minimum pressure: 1,5 bar, Maximum pressure: 16 bar	

<b>Filter elements</b>	1. Filter stage	2. Filter stage								
										
	PE	SMF								
<b>Technical data</b>	<p><u>1. Filter stage (PE filter unit)</u> Sintered polyethylene Pore size 25 µm Separation of solid particles, oil and water</p> <p><u>2. Filter stage (SMF filter unit)</u> Polyurethane microfilter fleece Pore size 0,01 µm Separation efficiency 99,99999 % Concentration of remaining oil 0,01 mg/m<sup>3</sup></p>									
<b>Procedure</b>	<p>1. Filter stage (PE filter unit): Compressed air, contaminated with fine dust is filtered by the filter material. Solid particles, which are larger than 25 µm, cannot pass the filter because of different filter processes like impact and filtration.</p> <p>2. Filter stage (SMF filter unit): Effective two stage filter process with a integrated 1 µm upstream filter. Fluid and solid particles up to 0,01 µm of size will be separated by using different filter processes like impact, filtration and diffusion.</p>									
<b>Permissible temperatures</b>	<table border="0"> <tr> <td>Enclosure:</td> <td style="text-align: right;">max. +120°C</td> </tr> <tr> <td>Econometer (manometer):</td> <td style="text-align: right;">max. +70°C</td> </tr> <tr> <td>PE filter unit:</td> <td style="text-align: right;">max. +80°C</td> </tr> <tr> <td>SMF filter unit:</td> <td style="text-align: right;">max. +80°C</td> </tr> </table>		Enclosure:	max. +120°C	Econometer (manometer):	max. +70°C	PE filter unit:	max. +80°C	SMF filter unit:	max. +80°C
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<b>Fixing</b>	Wall fastening (included in delivery)									
<b>Included in delivery</b>	2-stage filter combination with PE- and SMF-filter unit, wall fastening, screws, installation manual									
<p><b>CETA Testsysteme GmbH</b> <b>Marie-Curie-Straße 35-37</b> <b>40721 Hilden</b> <b>- Germany -</b></p>	<table border="0"> <tr> <td>Tel.:</td> <td style="text-align: right;">+49 (0) 2103 / 2471 - 75</td> </tr> <tr> <td>Fax:</td> <td style="text-align: right;">+49 (0) 2103 / 2471 - 76</td> </tr> <tr> <td>E-mail:</td> <td style="text-align: right;">sales@cetatest.com</td> </tr> <tr> <td>Internet:</td> <td style="text-align: right;">www.cetatest.com</td> </tr> </table>	Tel.:	+49 (0) 2103 / 2471 - 75	Fax:	+49 (0) 2103 / 2471 - 76	E-mail:	sales@cetatest.com	Internet:	www.cetatest.com	
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