

## Technical Data - SurPASS™<sup>3</sup> Eco

<b>Measuring range:</b>	
<b>Streaming potential</b>	$\pm 2000 \text{ mV} \pm (0.2 \% + 4 \mu\text{V})$
<b>Streaming current</b>	$\pm 2 \text{ mA} \pm (0.2 \% + 1 \text{ pA})$
<b>Cell resistance</b>	$5 \Omega \dots 20 \text{ M}\Omega \pm (2 \% + 0.5 \Omega)$
<b>Pressure measurement</b>	$1200 \text{ mbar} \pm (0.2 \% + 0.5 \text{ mbar})$
<b>pH value</b>	pH 2 ... pH 12
<b>Conductivity</b>	0.1 ... 1000 mS/m
<b>Temperature</b>	20 ... 40 °C
<b>Sample size requirements:</b>	
<b>Clamping Cell</b>	Min. 35 mm x 15 mm or min. 17 mm in diameter Max. thickness 40 mm
<b>Cylindrical Cell</b>	Particle size > 25 $\mu\text{m}$
<b>Adjustable Gap Cell</b>	20 mm x 10 mm, max. thickness 2 mm
<b>Adjustable Gap Cell for Disks</b>	Diameter 14 mm, 15 mm, max. thickness 2 mm
<b>Technical Requirements:</b>	
<b>Mains supply</b>	AC 115...230 V, 50...60 Hz, 200 VA
<b>Dimensions</b>	600 mm x 432 mm x 245 mm (D x W x H) Footprint: 612 mm x 536 mm (D x W) Clearance: 360 mm
<b>Weight</b>	24 kg
<b>Software requirements</b>	<p>Microsoft Windows® 7 32/64 bit with SP1 or later is required. Windows 7 Starter is not supported. Microsoft Windows® 8 32/64 bit, Microsoft Windows® Server 2008/2008 R2 32/64 bit with Service Pack 2 or higher is required for Windows Server 2008, Microsoft Windows® 10 32/64 bit</p> <p>Intel® Core™ i3 CPU</p> <p>4 GB RAM (depends on operating system)</p> <p>20 GB free disk space</p> <p>1 free USB port</p> <p>Screen resolution of at least 1024 x 768 at True Color (32 bit)</p>