

<p>HERZ Smart- 2, 1 8904 02 Measuring computer for differential pressure</p>	<p>HERZ Smart- 4, 1 8904 04 Measuring computer for differential pressure</p>
	
<p>Description: Electronic Differential Pressure Gauge to measure the differential pressure and flow rate at balancing valves in heating and chilled water systems, consisting of sensors and computer, transfer via bluetooth. The software includes all well-known brands. Data memory for the recording of measurement values. Li/ion battery, connector hoses with quick-on stops, software and user manual on CD, measuring set 1 0284 00 and extension lead for measuring valve 1 0284 10 are packed in a carrying case. Energy Li/ion battery, operating about 35 hours, charge about 230 V or USB. Temperature from - 30 to +120 °C, max. Differential pressure 10 bar. It is recommended to provide annual maintenance and calibration!</p>	<p>Description: Electronic Differential Pressure Gauge to measure the differential pressure and flow rate at balancing valves in heating and chilled water systems, consisting of sensors and computer, transfer via bluetooth. The software includes all well-known brands. Data memory for the recording of measurement values. Project work with Excel data, work with different media, display of graphs for energy, Li/ion battery, connector hoses with quick-on stops, software and user manual on CD, measuring set 1 0284 00 and extension lead for measuring valve 1 0284 10 are packed in a carrying case. Energy Li/ion battery, operating about 35 hours, charge about 230 V or USB. Temperature from - 30 to +120 °C, max. Differential pressure 10 bar. It is recommended to provide annual maintenance and calibration!</p>
<p>Dimensions: 160x85x50mm</p>	
<p>Dimensions, mobile device: 70x120x10mm</p>	
<p>Weight: 0,45 kg</p>	
<p>Weight, mobile device: 0,1 kg</p>	
<p>Power supply: 6600mAhrs Li/Ion battery, 35hrs operating time, charging with supply unit 230 V~</p>	
<p>Mobile device: 1200 mAhrs Li/Ion battery, 8hrs operating time, charging with supply unit 230 V~ or USB port</p>	
<p>Display: 70x52 mm, illuminated</p>	
<p>Indication: Currently measured value, transfer via Bluetooth, approx. range: 300m</p>	
<p>Software: Update creation by manufacturer, implementation by user via change of SD-card</p>	
<p>Interface: USB to PC</p>	
<p>Software: on CD, Administration of projects, Software Report Viewer, Output of measurement report, Software „Valve Browser“ for valve selection</p>	
<p>Data memory: 2 GB with SD- card, 4 million measurements can be stored.</p>	
<p>Ambient temperature: 0 – 40 °C</p>	
<p>Medium temperature: -30 – 120 °C</p>	
<p>Storage temperature: -30 - +40 °C test hoses can freeze</p>	
<p>Protection class: IP 65</p>	
<p>Pressure sensor: internal pressure sensing in measuring computer through two test hoses (red/blue), ventilation during every measurement</p>	
<p>Measuring range: Max. pressure: 25 bar, Differential pressure: 10 bar, Static pressure: 10 bar</p>	
<p>Connection to valves: Quick coupling connection directly to valves with adapter 1 0284 00</p>	
<p>Verification: possible and recommended by manufacturer, validity 1 year</p>	

Calibration: done at each measurement	
Measurement error: 0,1% of the measuring range	
Measurement method 1: Output of flow rate and, dP	
Measurement method 2: Output of hand wheel position	
Temperature measurement: Possible with accessories and Software-Upgrade	Temperature measurement: Possible with accessories
Settings:	
Brightness, Calendar, e-mails, dates,...	
Language :	
German, English, French, Spanish, Turkish, Finnish, Norwegian, Russian, Swedish, Italian	
Pressure unit:	
bar, mbar, kPa, psi, mmH2O	
Flow rate unit:	
m ³ /h, l/h, l/s, l/min, USGPM, UKGPM	
Temperature unit:	
° C, ° F, K	
Medium:	
Water, antifreeze, %, temperature	
Measurement parameters:	
Period, calibration, time, date	
Valve types in memory:	
HERZ, Hattersley, MMA, Danfoss, MNG, Oventrop, TA, Stabiflo, Caleffi, Broen, Ventim, Duyar, VIR, Pettinaroli, Naval, Gampper, KSB, Econosta, ARI, Comap, Tecoli, Crane, Armstrong, Oras, Vexve, ESBE	