



HERZ Smart-2, 1 8904 02 Dp- measuring device	HERZ 1 8900 04 Dp- measuring device
	
Size: 160x85x50mm Size	Size: 180 x 84 x 51 mm
Mobil: 70x120x10mm	
Weight: 0,45 kg Weight Mobil: 0,1 kg	Weight: 0,38 kg
Power: Akku Li/Ion 6600mAh, 35h worktime, Charge with 230 V~ Mobil: Akku Li/Ion 1200 mAh, 8h worktime, Charge 230 V~, or USB	Power: 3V Li-ion Akku 950 mAh, 12 h worktime, 1 Year Stand-By, Charge with 230V, or USB
Display: 70x52 mm illuminated	Display: 44x33 mm illuminated 240x320 pixel RGB 65k colours
Display: Measurement via Bluetooth, ca. 300m range	Display: Measurement and store data
Software: Update by producer, User change the SD- Card	Software: Update by producer
Interface: USB to PC	Interface: USB to PC
Software: CD Project management Software Report Viewer, Output protocoll Software Valve Browser for valve selection	Software: CD Stored data are output with software in table
Data store: with SD- Card 2GB, 4Million measurings	Data store: 20000 Measurings
Temperature: 0 – 40 °C	Umgebungstemperatur: -5 – 50 °C
Medium temperature: -30 – 120 °C	Mediumstemperatur: -5 – 90 °C
Storage temperature: -30 - +40 °C Hoses can freeze	Storage temperature: -5 – +50 °C Hoses can freeze
Protection class: IP 65	Protection class: IP 65
Pressure sensor: internal pressure sensor in the device with 2 hoses (red/blue), Air draining by every measuring	Pressure sensor: internal pressure sensor in the device with 2 hoses (red/blue), hoses must be filled and without air
Range: Max. Pressure 25 bar dP 10 bar Static Pressure 10 bar	Range: Max. Pressure 12 bar dP 10 bar Static Pressure
Connection on valves: Coupling direct to valve with adapter 1 0284 00	Connection on valves: Coupling direct to valve with adapter 1 0284 00
Basic calibration: by producer every year	Basic calibration: by producer every year
Calibration: by measuring	Calibration: daily before measuring with button „ZERO“ without connected hoses
Measuring fault: 0,1% of the range	Measuring fault: 0,15% of the range
Measuring type 1: Output flow, dP Measuring type 2: Output handwheel position	Measuring type: Output flow, dP, valve, presetting, medium
Temperature measuring: Possible with spare part and upgrade the software	Temperature measuring: Not possible
Presettings: Brightness, Calendar, e-mails, Dates,...	Presettings:



<p>Languages: German, English, France, Spain, Turkish, Suomi, Norwegian, Russian, Swedish, Italian</p> <p>Pressure: bar, mbar, kPa, psi, mmH2O</p> <p>Flow: m³/h, l/h, l/s, l/min, USGPM, UKGPM</p> <p>Temperature: ° C, ° F, K</p> <p>Medium: Water, Antifreeze, %, Temperature</p> <p>Measuring parameter: Periode, Calibration Time, Date</p>	<p>German, English, France, Spain, Czech, Danish, Kroatian, Italian, Dutch, Polish, Rumanian, Russian, Suomi, Swedish, Serbian</p> <p>Pressure: Pa, hPa, kPa, MPa, mbar, bar, psi, at, mWs, mmWs, mmHg</p> <p>Flow: m³/s, m³/min, m³/h, l/s, l/min, l/h, USgal/s, USgal/m, USgal/h, UKgal/s, UKgal/m, UKgal/h, Lambda</p> <p>Temperature: °C, °F, K</p> <p>Medium: Water, Ethylenglykol, 1,2-Propandiol</p> <p>Measuring parameter: Periode, Calibration Time, Date</p>