







HPM Series Data Loggers

Comparison chart

SELECTION/PROPERTY	HPM110	HPM110-DL	HPM4020	HPM4030	HPM5000	HPM7000
						
Measure	√	√	√	√	√	√
Measurement Capabilities	Pressure	Pressure	Complete range of sensors	Complete range of sensors	Complete range of sensors	Complete range of sensors
Display	√	√	√	√	√	√
Measurement display	Actual/Min/Max/FS (Peak-Hold)	Actual/Min/Max/FS (Peak-Hold)	Actual/Min/Max/FS	Actual/Min/Max/FS	Actual/Min/Max/FS	Actual/Min/Max/FS (Peak-Hold)
Application	Industrial	Industrial	Mobile	Mobile	Mobile / Permanent	Mobile / Permanent
User Skill	Trained Users	Trained Users	Technicians	Technicians	Technicians	Experienced Technician and Engineer
Display Size	-	-	3.5 inch	3.5 inch	4.3 inch	7 inch
Power Source	2 x 1.5 V battery	2 x 1.5 V battery	Lithium-Ion pack	Lithium-Ion pack	Lithium-Ion pack	Lithium-Ion pack
External Storage	-	-	1 GB	1 GB	4 GB	12 GB
SENSOR CONNECTION						
Webtec CAN Bus	-	-	-	3 sensors - up to 6 channels	6 sensors - up to 12 channels	2 CAN bus networks - up to 24 channels each
Webtec Analog	-	-	2 sensors - up to 4 channels	-	-	3 sensors - up to 6 channels
CANOpen and SAE- J1939 interface	-	-	-	-	-	>100
Auxiliary sensors	-	-	-	-	2 sensors - up to 2 channels	4 sensors - up to 4 channels
Frequency input	-	-	-	-	-	1
Calculation channels	-	-	1 Calculating Channel (Subtraction, Addition, Multiply)	1 Calculating Channel (Subtraction, Addition, Multiply)	2 Calculating Channels (Subtraction, Addition, Power 1, Power 2, Volume, Multiply)	4 Customisable Calculating Channels (Subtraction, Addition, Power 1, Power 2, Volume, and more)
Pressure peaks/sample rate	10 ms	10 ms	1 ms	1 ms	1 ms/0.1 ms	1 ms/0.1 ms
Kits	X	√	√	√	√	√
FUNCTIONS						
Battery	Non rechargeable	Non rechargeable	Rechargeable	Rechargeable	Rechargeable	Rechargeable
External power supply	X	X	√	√	√	√
Interface	X	USB	USB	USB	USB	USB/Ethernet
Online measurement	X	X	√	√	√	√
Record measurement data	X	√	√	√	√	√
Trigger	X	X	X	X	Basic trigger functions	Advanced trigger functions
	Find out more		Find out more		Find out more	

Notes: HPM110-DL Storage rate from 100 ms. Up to 18,000 readings (automatic data compression). Maximum measurement time: 24 hours. Number of measurements: 10

Definitions: **Sensor:** A physical device (e.g. Pressure Transducer, Turbine Flow Meter, etc.).

Channels: Number of variables that a sensor is capable to measure (e.g. Webtec Turbine Flow Meters with CAN output measure flow and temperature therefore two channels are used).