


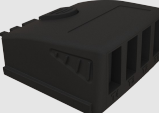












Reference	Measuring unit	Measuring range	Accuracy*	Resolution	Compatible instrument
PRESSURE MODULE 					
Pressure					
MPR 500	Pa, mmH ₂ O, In WG, mbar, hPa, mmHg, daPa, kPa	From 0 to ±500 Pa From 2 to 28 m/s**	From -100 to +100 Pa : ±0.2% of reading ±0.8 Pa Beyond : ±0.2% of reading ±1.5 Pa	From -100 to +100 Pa : 0.1 Pa Beyond : 1 Pa	MP 210 AMI 310
MPR 2500	Pa, mmH ₂ O, In WG, mbar, hPa, mmHg, daPa, kPa	From 0 to ±2500 Pa From 2 to 60 m/s**	±0.2% of reading ±2 Pa	1 Pa	MP 210 AMI 310
MPR 10000	Pa, mmH ₂ O, In WG, mbar, hPa, mmHg, daPa, kPa	From 0 to ±10000 Pa From 4 to 100 m/s**	±0.2% of reading ±10 Pa	1 Pa	MP 210 AMI 310
MPR 500 M	mmH ₂ O, In WG, mbar, hPa, mmHg, daPa, kPa, PSI	From 0 to ±500 mbar From 9 to 100 m/s**	±0.2% of reading ±0.5 mbar	0.1 mbar	MP 210 AMI 310
MPR 2000 M	bar, In WG, mbar, hPa, mmHg, kPa, PSI	From 0 to ±2000 mbar From 18 to 100 m/s**	±0.2% of reading ±2 mbar	1 mbar	MP 210 AMI 310
Thermocouple temperature					
	°C, °F	K : From -200 to +1300°C J : From -100 to +750°C T : From -200 to +400°C S : From 0 to 1760°C	K, J, T : From -200 to 0 °C : ±0.4°C ±0.3 % of reading From 0 to 1300 °C : ±0.4°C S : ±0.6 °C	0.1 °C 0.1 °C 0.1 °C 0.1 °C	MP 210 AMI 310
PITOT TUBE 					
See related datasheet	Vitesse : m/s, fpm, km/h, mph	From 2 to 5 m/s From 5.1 to 100 m/s	±0.3 m/s ±0.5% of reading ±0.2 m/s	0.1 m/s	MP 210 AMI 310
	Débit : m ³ /h, cfm, l/s, m ³ /s	From 0 to 99999m ³ /h	±0.2% of reading ±1% FS	1 m ³ /h	
DEBIMO BLADES 					
See related datasheet	Vitesse : m/s, fpm, km/h, mph	From 3 to 20 m/s From 21 to 100 m/s	±0.3 m/s ±1% of reading ±0.1 m/s	0.1 m/s	MP 210 AMI 310
	Débit : m ³ /h, cfm, l/s, m ³ /s	From 0 à 99999m ³ /h	±0.2% of reading ±1% FS	1 m ³ /h	
THERMOCOUPLE MODULE 					
M4TC	°C, °F	K : From -200 to +1300°C J : From -100 to +750°C T : From -200 to +400°C S : From 0 to 1760°C	K, J, T : From -200 to 0 °C : ±0.4°C ±0.3 % of reading From 0 to 1300 °C : ±0.4°C S : ±0.6 °C	0.1 °C 0.1 °C 0.1 °C 0.1 °C	HQ 210 MP 210 VT 210 TM 210 AMI 310

Reference	Measuring unit	Measuring range	Accuracy*	Resolution	Compatible instrument
U COEFFICIENT MODULE 					
MCU	°C, °F	T thermocouple : From -20 to +80°C	±0.5°C	0.1 °C	TM 210 AMI 310
CLIMATIC CONDITIONS MODULE 					
MCC	Temp. : °C, °F Atmospheric pressure : Pa Hygro : %RH	From 0 to +50°C From 800 to 1100 hPa From 5 to 95%RH	±0.4% of reading ±0.3°C ±3 hPa Accuracy (Repeatability, linéarity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty: ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1 °C 1 hPa 0.1%RH	HQ 210 VT 210 AMI 310
HOTWIRE PROBE / TELESCOPIC HOTWIRE PROBE / GOOSENECK TELESCOPIC HOTWIRE PROBE 					
SFC 300 / SFC 900 / SFC 900 GN	Air velocity : m/s, fpm, km/h	From 0.15 to 1 m/s From 0.15 to 3 m/s From 3.1 to 30 m/s	± 2% of reading ± 0.03 m/s** ± 3% of reading ± 0.03 m/s ± 3% of reading ± 0.1 m/s	0.01 m/s 0.01 m/s 0.1 m/s	MP 210 VT 210 AMI 310
	Airflow : m³/h, cfm, l/s, m³/s	From 0 to 99999 m³/h	±3% of reading or ±0.03*surface gaine (cm²)	1 m³/h	
	Temperature : °C, °F	From -20 to +80°C	±0.3% of reading ±0.25°C	0.1 °C	
TELESCOPIC OMNIDIRECTIONAL PROBE 					
SOM 900	Air velocity : m/s, fpm, km/h	From 0.00 to 5.00 m/s	± 3% of reading ± 0.05 m/s	0.01 m/s	HQ 210 AMI 310
	Relative humidity : %RH	From 5 to 95%RH	Accuracy (Repeatability, linéarity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty: ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1%RH	
	Temperature : °C, °F	From -20 to +80°C	±0.3% of reading ±0.25°C	0.1 °C	
Ø14 MM VANE PROBE / Ø14 MM TELESCOPIC VANE PROBE 					
SH 14 / SHT 14	Air velocity : m/s, fpm, km/h	From 0 à 3 m/s From 3.1 to 25 m/s	From 0.8 to 3 m/s : ±3% of reading ±0.1m/s From 3.1 to 25 m/s : ±1% of reading ±0.3 m/s	0.1 m/s	MP 210 VT 210 AMI 310
	Airflow : m³/h, cfm, l/s, m³/s	From 0 to 99999 m³/h	±3% of reading or ±0.03*surface gaine (cm²)	1 m³/h	
	Temperature : °C, °F	From -20 to +80°C	±0.4% of reading ±0.3°C	0.1 °C	
Ø70 MM VANE PROBE / Ø704 MM TELESCOPIC VANE PROBE 					
SH 70 / SHT 70 SHF 70 ¹	Air velocity : m/s, fpm, km/h	From -5 to 3 m/s From 3.1 to 35 m/s	From 0.4 to 3 m/s : ±3% of reading ±0.1m/s From 3.1 to 35 m/s : ±1% of reading ±0.3 m/s	0.1 m/s	MP 210 VT 210 AMI 310
	Airflow : m³/h, cfm, l/s, m³/s	From 0 to 99999 m³/h	±3% of reading or ±0.03*surface gaine (cm²)	1 m³/h	
	Temperature : °C, °F	From -20 to +80°C	±0.4% of reading ±0.3°C	0.1 °C	

¹Wireless model









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**Optional specific adjustment and calibration

Reference	Measuring unit	Measuring range	Accuracy*	Resolution	Compatible instrument
Ø100 MM VANE PROBE / Ø100 MM TELESCOPIC VANE PROBE					
					
SH 100 / SHT 100 SHF 100¹	Air velocity : m/s, fpm, km/h	From -5 to 3 m/s From 3.1 to 35 m/s	From 0.3 to 3 m/s : ±3% of reading ±0.1m/s From 3.1 to 35 m/s : ±1% of reading ±0.3 m/s	0.1 m/s	MP 210 VT 210 AMI 310
	Airflow : m ³ /h, cfm, l/s, m ³ /s	From 0 to 99999 m ³ /h	±3% of reading or ±0.03*surface gaine (cm ²)	1 m ³ /h	
	Temperature : °C, °F	From -20 to +80°C	±0.4% of reading ±0.3°C	0.1 °C	
MULTIFUNCTION PROBE					
					
SMT 900	Air velocity : m/s, fpm, km/h	From 0.15 to 3 m/s From 3.1 to 30 m/s	± 3% of reading ± 0.03 m/s ± 3% of reading ± 0.1 m/s	0.01 m/s 0.1 m/s	VT 210 AMI 310
	Relative humidity : %RH	From 5 to 95%RH	Accuracy (Repeatability, linearity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty : ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1%RH	
	Temperature : °C, °F	From -20 to +80°C	±0.3% of reading ±0.25°C	0.1 °C	
HYGROMETRY PROBE					
					
SHR 110 SHRF 110¹	Relative humidity : %RH	From 3 to 98%RH	Accuracy (Repeatability, linearity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty: ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1%RH	HQ 210 VT 210 AMI 310
	Mixing ratio : g/kg	From 0 to 10 000 g/kg	-	0.1 g/kg	
	Absolute humidity : g/m ³	From 0 to 600 g/m ³	-	0.1 g/m ³	
	Enthalpy : kJ/kg	From 0 to 10 000 kJ/kg	-	0.1 kJ/kg	
	Dewpoint : °C _{td} , °F _{td}	From -50 to +80°C _{td}	±0.6% of reading ±0.5°C _{td}	0.1 °C _{td}	
	Temperature : °C, °F	From -20 to +80°C	±0.3% of reading ±0.25°C	0.1 °C	
HIGH TEMPERATURE AND HYGROMETRY PROBE					
					
SHR 300 SHRF 300¹	Relative humidity : %RH	From 3 to 98%RH	Accuracy (Repeatability, linearity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty: ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1%RH	HQ 210 VT 210 AMI 310
	Mixing ratio : g/kg	From 0 to 10 000 g/kg	-	0.1 g/kg	
	Absolute humidity : g/m ³	From 0 to 600 g/m ³	-	0.1 g/m ³	
	Enthalpy : kJ/kg	From 0 to 10 000 kJ/kg	-	0.1 kJ/kg	
	Dewpoint : °C _{td} , °F _{td}	From -50 to +80°C _{td}	±0.6% of reading ±0.5°C _{td}	0.1 °C _{td}	
	Temperature : °C, °F	From -40 to +180°C	±0.3% of reading ±0.25°C	0.1 °C	

¹Wireless model

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Reference	Measuring unit	Measuring range	Accuracy*	Resolution	Compatible instrument
CO / TEMPERATURE PROBE 					
SCO 110	Temp. : °C, °F CO : ppm	From -20 to +80°C From 0 to 200 ppm From 200 to 500 ppm	±0.3% of reading ±0.25°C ±3 ppm ±1.5% of reading	0.1 °C 0.1 ppm 0.1 ppm	HQ 210 MP 210 AMI 310
CO₂ / TEMPERATURE PROBE 					
SCO 112	Temp. : °C, °F CO ₂ : ppm	From -20 to +80°C From 0 to 5000 ppm	±0.3% of reading ±0.25°C ±3% of reading ±50 ppm	0.1 °C 1 ppm	HQ 210 AMI 310
CO₂ / TEMPERATURE / HYGROMETRY PROBE 					
SCOH 112	Temp. : °C, °F CO ₂ : ppm Hygro : %RH	From -20 to +80°C From 0 to 5000 ppm From 5 to 95%RH	±0.3% of reading ±0.25°C ±3% of reading ±50ppm Accuracy (Repeatability, linéarity, Hysteresis) : ±1.8%RH (from 15°C to 25°C) Factory calibration uncertainty: ±0.88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	0.1 °C 1 ppm 0.1%RH	HQ 210 AMI 310
GAS LEAK PROBE 					
SFG 300	ppm %LEL %VOL	From 0 to 10 000 ppm (LPG : 0-1800) From 0 to 20%LEL From 0 to 1%VOL	±20% of full scale	1 ppm 0.01%LEL 0.001%VOL	MP 210 AMI 310
OPTICAL TACHOMTRY PROBE 					
STA	rpm	From 60 to 10 000 rpm From 10 001 to 60 000 rpm	±0.3% of reading ±1 rpm ±30 rpm	1 rpm	MP 210 VT 210 AMI 310
CONTACT TACHOMETRY PROBE 					
STA	rpm	From 30 to 20000 rpm	±1% of reading ±1 rpm	1 rpm	MP 210 VT 210 AMI 310
LIGHT PROBE					
SLU 	lx, klx, fc	From 0 to 150 000 lx From 0 to 13935 fc	From 0 to 10 lx : 0.1 lx 1 % beyond	From 0 to 999.9 lx : 0.1 lx From 1000 to 9999 lx : 1 lx From 10.00 to 99.99 klx : 0.01 klx From 100.0 to 150.0 klx : 0.1 klx	HQ 210 AMI 310
CSM	Min-DIN / min-DIN cable for probe				

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