

New

CE

HQ 210



- 가 , CO2, CO 가
- 가
- 가

1



가



- 2014



HQ210



HQ 210 STD



HQ210 + SHR 110 probe
ABS /

HQ 210 P



HQ210 + SCOH 112 probe
/ /CO2

HQ 210 HT



HQ210 + SHR 300 probe
/

HQ 210 O



HQ210 + SOM 900 probe



SHR 110 and SHR 300 hygrometry probes	Relative humidity : %RH	From 3 to 98%RH	Accuracy** (Repeatability, linearity, Hysteresis) : ±1.5%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
	Absolute humidity ¹ : g/Kg, Kj/Kg	From 0 to 600 g/m ³	-	0.1 g/m ³
	Dewpoint ¹ : °C _{td} , °F _{td}	From -50 to +100°C _{td}	±0.6% of reading ±0.5°C _{td}	0.1 °C _{td}
	Wet temperature ¹ : °C _{tw} , °F _{tw}	From -50 to +100°C _{tw}	±0.6% of reading ±0.5°C _{tw}	0.1 °C _{tw}
	Enthalpy ¹	From 0 to 15 000 kj/kg	-	0.1 kj/kg
	Temperature : °C, °F	From -20 to +80°C (SHR110) From -40 to +180°C (SHR 300)	±0.3% of reading ±0.25°C	0.1 °C
Sonde de courant d'air omnidirectionnelle 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
	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
SCOH 112 CO2/hygrometry/temperature probe	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 ±50 ppm 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 °C 1 ppm 0.1%RH

HQ 210 WBGT index 가 . WBGT index , ,

- T_w =
- T_g =
- T_d = (,) . ,

HQ210 , 가 .

- AIR QUALITY PROBES (CO / temperature, CO₂ / temperature, CO₂ / temperature / hygrometry) : (2) , ,

- THERMOCOUPLE MODULE : T, (,) , ,

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation.

¹Calculated value

**As per NFX 15-113 standard and the charter 2000/2001 Hygrometers, GAL (Guaranteed Accuracy Limit) which has been calculated with a coverage factor value of 2 is ±2.88%RH between 18 and 28°C on the measuring range from 5 to 95%RH. Sensor drift is less than 1%RH/year.

HQ210

	SMART -2014	2	mini -DIN	, PC	1	micro -USB
	-					
가	57H					
	1000 , 20000					
	0 to +50 °C					
	-20 to +80 °C					
	15 ~ 120	OFF				
	485 g					
	Neutral gas					
Conformity	EMC 2004/108/CE and EN 61010-1 directives					



Light probe (SLU)
0~150,000 lx
0~13,935 fc



4 thermocouple channels module (M4TC)
-200~ +1760°C
()



Climatic conditions module (MCC)
800~1100 hPa
5~95%RH



Wireless hygrometry probe (SHRF 110)
3~98%, -50~+100 °Ctd
-20~+80°C



High temperature wireless hygrometry probe (SHRF 300)
3~98%, -50~+100 °Ctd
-20~+80°C



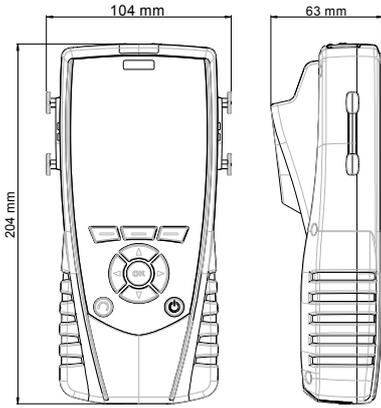
Black ball (BN)

Large choice of temperature probes (see related datasheet) : ambient / contact / penetration / immersion...



Description	HQ 210	HQ 210 STD	HQ 210 HT	HQ 210 P	HQ 210 O
(SOM 900)	○	○	○	○	√
ABS (SHR110)	○	√	○	○	○
(SHR300)	○	○	√	○	○
CO/ (SCO110)	○	○	○	○	○
CO ₂ / (SCO112)	○	○	○	○	○
CO ₂ / / (SCOH112)	○	○	○	√	○
Light (SLU)	○	○	○	○	○
Pt100 SMART-2014	○	○	○	○	○
Pt100	○	○	○	○	○
4 (M4TC)	○	○	○	○	○
Climatic conditions (MCC)	○	○	○	○	○
ABS (SHRF 110)	○	○	○	○	○
(SHRF 300)	○	○	○	○	○
K,J,T S	○	○	○	○	○
	○	√	√	√	√
	√	√	√	√	√
	○	○	○	○	○

√ : supplied with ○ : optional



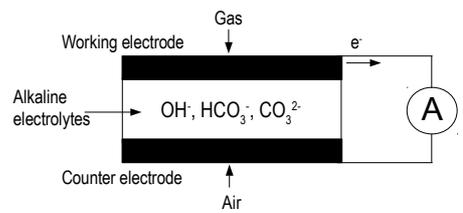
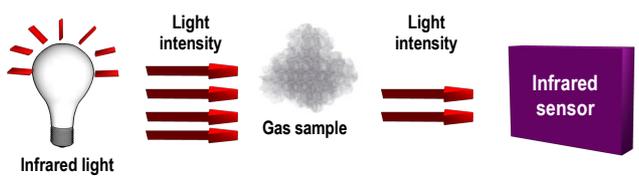
: ABS/PC and elastomer
 : IP54
 : 120*160
 58*76mm
 6
 :10 (Elastomer)

가 가 가

IR
CO₂

CO₂

CO



Datalogger : PC software for data recording and processing.



RTE : Telescopic extension length 1m bent at 90° for measuring probe



CSM : Mini-DIN / mini-DIN cable for probe



KIMP23 : Infrared printer



SAD : Backpack

1 가

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