INLEC.COM



Nationwide Low Call 0333 6000 600



Technical Data Sheet

Pressure • Temperature • Humidity • Air Velocity • Airflow • Sound level



AMI 300 Multifunction







Connection





Interchangeable measurement modules

1 instrument = more than 1 range and 1 parameter available.



Wireless connection

Instrument / PC Instrument / Probe



Smart-plus system

Probes automatically recognized when connected to the instrument.

The multifunctions















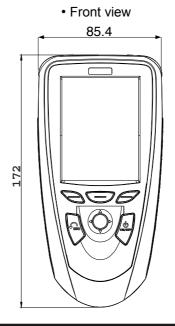


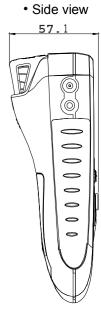






Dimensions





Functions



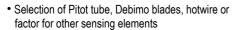
Manometer

PRESSURE

- · Automatic or manual self-calibration
- · Selection of units
- Pressure integration (0 to 9)
- · Point/point, automatic point/point, automatic average
- Minimum / maximum values, hold, standard deviation
- Storage



AIR VELOCITY AND AIRFLOW



- · Selection of duct type
- · Selection of units
- · Point/point, automatic point/point, automatic average
- Manual or automatic temperature balancing
- · Manual air pressure balancing
- K2 factor
- Minimum / maximum values, hold, standard deviation
- Storage

Thermo-hygrometer



HYGROMETER

- · Selection of units
- Minimum / maximum values and hold function
- Storage

PSYCHROMETER

- Dew point, wet temperature, enthalpy, absolute temperature
- · Minimum / maximum values and hold function
- Storage

WBGT index

For hygrometry probe with black ball.

- · Calculation of comfort index inside / outside
- Storage



Air Quality

CLIMATIC CONDITIONS MODULE

- · Selection of units
- · Minimum / maximum values and hold function
- Storage



AIR QUALITY PROBES

- Audible Alarm (2 setpoints)
- CO maximum
- Selection of units
- Minimum / maximum values and hold function
- Storage

Current / voltage module

- Adjustable ranges
- Minimum / maximum values and hold function
- Storage



Thermometer

Thermocouple module, Pt100 and thermocouple temperature probes

- Dynamic delta T
- · Selection of units
- Minimum / maximum values and hold function
- Alarme (upper and lower setpoints)
- Storage

Datalogger-10

- · Multi-parameters recording
- · Manual and automatic storage
- Memory: up to 8,000 measurement points or 50 datasets
- · User-friendly with printing of customized report
- · Management of instruments pool, follow-up of calibration periods
- Intervention planning
- · Wired or wireless interface

Technical features

Sensing elements

Pressure module Piezoresistive sensor

Overpressure allowed ±500 Pa : 250 mbar Overpressure allowed ±2500 Pa : 500 mbar Overpressure allowed ±10,000 Pa : 1,200 mbar Overpressure allowed ±500 mbar : 2 bar Overpressure allowed ±2,000 mbar : 6 bar

Hotwire: Thermistance with a negative temperature coefficient.

Ambient temperature: Pt100 1/3 Din.

Ø 70 and 100 mm vane probes : Hall effect sensor

Ambient temperature : Pt100 class A. Ø 14 mm vane probe : Proximity sensor Ambient temperature : Pt100 class A.

Hygrometry/Temp. Probe: capacitive sensor, Pt100 1/3 DIN

Thermocouple probes: type K, J and T class 1
Pt100 probes Smart-plus: Pt100 class 1/3 Din

Climatic conditions module

Hygrometry: capacitive sensor Temperature: semiconductor sensor Air pressure: piezoresistive sensor

Air quality probes

CO₂: NDIR sensor CO: electrochemical sensor Temperature: Pt100 class A Hygrometry: capacitive sensor

Climatic conditions module

Hygrometry: capacitive sensor Temperature: semiconductive sensor Air pressure: piezoresistive sensor

Multifunction probe

Air velocity: Thermistance with a negative temperature coefficient.

Hygrometry/Temp.: capacitive sensor, Pt100 1/3 DIN

Tachometry probe

Optical: optical sensor

Contact: optical probe with ETC adaptor

Instrument connections.....On the top :

2 secured mini-DIN connectors for SMART-Plus probes

Left side :

1 USB port for KIMO cable only

1 power supply plug

Module connections.....Thermocouple

4 inputs for compensated miniature plug of thermocouple type K, J or T Class 1 (as per IEC 584-3norm)

Pressure

2 pressure connectors Ø 6,2 mm made of nickelled brass. 2 threaded pressure connectors Ø 4,6 mm made of

nickelled brass

+ 1 thermocouple temperature input for miniature

connectors

Current / voltage module

2 stereo jacks

Dim. 70 x 52 mm, color display

Display of 6 measurements (including 4 simultaneously)

Housing IP54, ABS shock-proof Keypad......Metal-coated, 5 keys, 1 joystick

Conformity.....Electromagnetical compatibility
(NF EN 61326-1 norm)

Power supply.......4 alcaline batteries 1,5V LR6

Weight......380g

Languages.....French, English, Dutch, German, Italian,

Spanish, Portuguese, Swedish, Norwegian,

Finn, Danish



Pa, mmH, Q, In WG, mbar, NPa, mmHg, DaPa Pa	Specification	ns T	Measuring units	Measuring range	Accuracy*	Resolution
Pa, mmH, O, In WG, mbar, hPa, mmHg, DaPa from 0 to 1s 2500 PB co. 20 30 freading 4 DFs not 20 2% of reading 4 DFs not 20 2%	PRESSURE			from 0 to +500 Do		0.4.0
### COURRENT/VOLTAGE V. m.A from 0 to 2,50 mBar 20.2% of reading ±0.788 at re			Do mmll O In WC			0.1 Pa
### CURRENT/OLTAGE V, mA	000		-			1Pa
V, mA from 0 to 2,5 V from 0 to 2,5 V from 0 to 4,25 M from			mbar, hPa, mmHg, DaPa			1mBar
THERMOCOUPLE				from 0 to ±2000 mBar		1mBar
### 10mV	CURRENT/VOLTAGE			from 0 to 0 E V	. 1 \	0.004.\/
Thermocouple			V, mA	•		0.001 V 0.01 V
### CLIMATIC CONDITIONS Hygro.						0.01 W 0.01 mA
CLIMATIC CONDITIONS	THERMOCOUPLE					
CLIMATIC CONDITIONS			°C, °F	K: from -200 to +1,300°C	±1.1°C or ±0.4% of reading**	0.1 °C
Air velocity m/s, fpm, Km/h from 20 to -80°C from 20 to 5000 ppm from 20 to 5000 ppm from 20 to	+			J: from -100 to +750°C		0.1 °C
Hygro. Temp. *C, *F from 5 to 95%RH from 5 to 95%RH from 5 to 95%RH from 20 to -80°C interchangeable 0.1 i	OLIMATIC CONDITIONS			T: from -200 to +400°C	±0.5°C or ±0.4% of reading**	0.1 °C
Temp.	CLIMATIC CONDITIONS		2/ 2/1			0.4.0/.011
### Air velocity m/s, fpm, Km/h from 0.15 to 3 m/s ±3% of reading ±0.03 m/s 0.1 m/s from 3.1 to 30 m/s ±3% of reading ±0.03 m/s 0.1 m/s from 0.15 to 3 m/s ±3% of reading ±0.1 m/s 0.1 m/s 0.1 m/s 0.1 m/s from 0.15 to 3 m/s ±3% of reading ±0.1 m/s 0.1 m/s 0.1 m/s 1.1 m/s						0.1 %RH
### Air velocity m/s, fpm, Km/h from 0.15 to 3 m/s ±3% of reading ±0.03 m/s 0.1 m/s 0.		•			•	0.1 °C
Air velocity m/s, fpm, Km/h Temperature "C, "F Airflow m²/h, cfm, l/s, m²/s Temperature "C, "F Tempe	IOTIMIDE Of an dead are		hPa	from 800 to 1100 hPa	measurement modules	ThPa
Temperature "C, "F Arriow m²/h, cfm, l/s, m²/s from 2.0 to +80 °C trom 0.25 to 3 m/s from 2.0 to +80 °C trom 0.25 to 3 m/s from 2.0 to +80 °C trom 0.05 to 3 m/s from 3.1 to 35 m/s to 35 m/s to 43% of reading ±0.03 area (cm²) 1 m/s from 0.25 to 3 m/s from 0.25 to 4.05 to 7 froading ±0.3 froading ±0.3 from 0.25 to 4.05 to 7 froading ±0.3 froading ±0.3 froading ±0.3 froading ±0.3 froading ±0.3 froading ±0.3 froading	HOTWIKE - Standard and	telescopic -			. 20/ of acadian . 0 02 ac/o	0.01 m/s
### Airflow m³/h, cfm, l/s, m³/s from 0 to 99,999 m³/h ### 43% of reading ±0.03*area(cm²) 1 m² ### 20 100 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.25 to 3 m/s from 3,1 to 35 m/s ±1% of reading ±0.3m/s 0.1 from -20 to +80°C ## 23% of reading ±0.03*area (cm²) 1 m² ## 270 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.5 a 3 m/s	5	Air velocity	m/s, fpm, Km/h			0.01 m/s 0.1 m/s
### Airflow m³/h, cfm, l/s, m³/s from 0 to 99,999 m³/h ### 43% of reading ±0.03*area(cm²) 1 m² ### 20 100 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.25 to 3 m/s from 3,1 to 35 m/s ±1% of reading ±0.3m/s 0.1 from -20 to +80°C ## 23% of reading ±0.03*area (cm²) 1 m² ## 270 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.5 a 3 m/s		Temnerature	°C. °F		š .	0.1 °C
### Air velocity m/s, fpm, Km/h mph Airflow m³/h, cfm, l/s, m³/s from 2.0 to +80°C m/s from 3.1 to 35 m/s to 4.3% of reading ±0.1m/s to 1.03 m/s from 3.1 to 35 m/s to 4.3% of reading ±0.3° c c c c c c c c c c c c c c c c c c c					_	1 m³/h
Air velocity m/s, fpm, Km/h from 0.25 to 3 m/s ±3% of reading ±0,1m/s 0.00 from 3.1 to 35 m/s ±1% of reading ±0,3m/s 0.1 from 2.0 to +80°C ±0.4% of reading ±0.03°area (cm²) 1 m 270 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 270 mm VANE PROBE Air velocity m/s, fpm, Km/h from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m 27 from 0.to 99,999 m³/h ±0.03°area (cm²) 1 m 27 from	Ø 100 mm VANE DDO		m³/n, cim, i/s, m³/s	110111 0 10 99,999 1117/11	±5% of reading ±0.05 area(cm)	1 111 /11
Temperature **C, *F from .20 to +80 **C ±0.4% of reading ±0.3m/s ±1% of reading ±0.3m/s ±1% of reading ±0.3m/s ±0.4% of reading ±0.3m/s ±0.4			m/s fnm Km/h	from 0.25 to 3 m/s	±3% of reading ±0.1m/s	0.01 m/s
Temperature Airflow m³/h, cfm, l/s, m³/s from 0 to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0 to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.3°C 0.1 from 0 to 99,999 m³/h ±3% of reading ±0.1m/s ±1% of reading ±0.3m/s ±1% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.03°area (cm²) 1 m²/s from 0 to 99,999 m³/h ±3% of reading ±0.3m/s ±1% of reading ±0.3m/s ±0.3 m/s ±0.3 m/s ±0.3 m/s ±0.3 m/s ±0.2% of reading ±0.2m/s ±0.2% of reading ±0.2m/s ±0.3m/s ±0.2% of reading ±0.2m/s ±		All VEIDUILY			$\pm 1\%$ of reading ± 0.3 m/s	0.1 m/s
Airflow m³/h, cfm, l/s, m³/s from 0 to 99,999 m³/h ±3% of reading ±0.03*area (cm²) 1m from 0.to 3 m/s from 3.1 to 35 m/s ±1% of reading ±0.3m/s ±1% of reading ±0.2m/s ±0.4% of reading ±0.2m/s ±0.4% of reading ±0.2m/s ±0.4% of reading ±0.2m/s ±0.4% of reading ±0.2m/s ±0.2% of reading ±0.2m/s ±0.		Temperature	°C, °F	from -20 to +80°C		0.1 °C
Air velocity m/s, fpm, Km/h Temperature °C, °F Airflow m³/h, cfm, l/s, m³/s Temperature °C, °F Temperature °C, °F Airflow m³/h, cfm, l/s, m³/s Temperature °C, °F Temperature			m ³ /h cfm l/s m ³ /s		ŭ	1 m³/h
Air velocity m/s, fpm, Km/h from 0.to à 3 m/s from 3.1 to 35 m/s ±1% of reading ±0.1m/s ±1% of reading ±0.3m/s ±3% of reading ±0.03*rea (cm²) 1 mm 7/h, cfm, l/s, m³/s from 0.to 99,999 m³/h ±3% of reading ±0.03*rea (cm²) 1 mm 7/h, cfm, l/s, m³/s from 0.8 to 3 m/s from 0.5 to 99,999 m³/h from 0.5 to 5 m/s from 0.5 to 100 m/s from 0.5 to 5 m/s from 0.5 to 100 m/s from 0.5 to 0.5 m/	70 mm VANE PROBE	7 1111011	,,,,	110111 0 10 33,333 111 /11	= 0 /0 01 10 at mig = 0100 at 0a (0)	
Temperature °C, °F from 20 to -80 °C ± 1% of reading ±0.3m/s ± 1% of reading ±0.03*area (cm²) 1m ± 3% of reading ±0.1m/s ± 1% of reading ±0.1m/s ± 1% of reading ±0.3m/s ± 10.3m/s ± 10.		Air velocity	m/s fpm Km/h	from 0,to à 3 m/s		0.1 m/s
### Airflow m³/h, cfm, l/s, m³/s from 0 to 99,999 m³/h ±3% of reading ±0.03*area (cm²) 1 m		•		*	9 .	
Air velocity m/s, fpm, Km/h from 0.8 to 3 m/s from 0.0 to 99.999 m³/h ±3% of reading ±0.1m/s ±3% of reading ±0.3m/s ±3% of reading ±0.3m/s ±3% of reading ±0.3m/s ±3% of reading ±0.3m/s ±3% of reading ±0.3s*area (cm²) 1m/s ±0.4% of reading ±0.3°C 0.1 m/s ±0.4% of reading ±0.3°C 0.1 m/s ±0.4% of reading ±0.2m/s ±0.4% of reading ±0.2m/s ±0.5% of reading ±0.2m/s ±0.2% of reading ±1% PE 1m² to 100 m/s ±0.5% of reading ±0.1m/s 0.1 m/s to 100 m/s ±1% of reading ±0.2% of r		•			·	0.1 °C
Air velocity m/s, fpm, Km/h Temperature °C, °F Trom 2 to 5 m/s from 2 to 99,999m/h ±0.3% of reading ±0.3 area (cm²) 1 m/s ±0.4% of reading ±0.2 area (cm²) 1 m/s ±0.4% of reading ±0.2 area (cm²) 1 m/s to 5 m/s from 2 to 5 m/s from 5.1 to 100 m/s from 5.1 to 100 m/s ±0.5% of reading ±0.2 m/s ±0.3 m/s ±0.2% of reading ±0.2 m/s ±0.3 m/s ±0.2% of reading ±0.1 m/s ±1% of reading ±0.2 m/s ±0.2% of reading ±0.1 m/s ±1% of reading ±0.5 m/s ±0.3 m/s ±0.2% of reading ±0.1 m/s ±1% of reading ±0.2 m/s ±10.3 m/s ±0.2% of reading ±0.5 m/s ±10.3 m/s ±0.2% of reading ±0.5 m/s ±10.3 m/s ±0.2% of reading ±0.5 m/s ±10.3 m/s ±1% of reading ±0.5 m/s ±10.5% of reading ±0.5 m/s ±10.	3 44 mm VANE DDODE	Airflow	m³/h, cfm, l/s, m³/s	Trom 0 to 99,999 m ³ /n	±3% of reading ±0.03*area (cm²)	1 m³/h
Airflow m³/h, cfm, /s, m³/s from 0 to 99,999 m³/h ±3% of reading ±0.3m/s 1m 1m 2m 2m 2m 2m 2m 2m	0 14 IIIIII VANE PROBE	A : l = = :b .	m/o fam Km/h	from 0,8 to 3 m/s	±3% of reading ±0,1m/s	0.1 m/s
Temperature °C, °F from -20 to +80 °C ±0.4% of reading ±0.3 °C 0.1		,		from 3,1 to 40 m/s	±1% of reading ±0,3m/s	
Air velocity m/s, fpm, Km/h, mph from 2 to 5 m/s ±0.3 m/s ±0.5% of reading ±0.2m/s ±0.5% of reading ±0.2m/s ±0.5% of reading ±1% PE 1 m³ DEBIMO blades Air velocity m/s, fpm, Km/h, mph from 4 to 20 m/s ±1% of reading ±0.1m/s 0.1 from 21 to 100 m/s ±1% of reading ±0.1m/s 0.1 hrow pay. pay. pay. pay. pay. pay. pay. pay.						
Air velocity m/s, fpm, Km/h, mph from 2 to 5 m/s from 5.1 to 100 m/s ±0.5% of reading ±0.2m/s to 100 m/s ±0.5% of reading ±0.2m/s from 0 to 99,999m³/h ±0.2% of reading ±1% PE 1 m³ DEBIMO blades Air velocity m/s, fpm, Km/h, mph from 4 to 20 m/s ±0.3 m/s ±1% of reading ±0.1m/s 0.1 from 21 to 100 m/s ±1% of reading ±1% PE 1 m³ Air quality probes: CO / CO₂ / temperature / Hygrometry Temperature °C, °F from -20 to +80°C See related datasheet "Portable probes" 1 pp	DITOT TUDE	Temperature	°C, °F	from -20 to +80°C	±0.4% of reading ±0.3°C	0.1 °C
Airflow m³/h, cfm, l/s, m³/s from 5.1 to 100 m/s ±0.5% of reading ±0.2m/s ±0.2% of reading ±0.2m/s ±0.2% of reading ±0.2m/s ±0.2% of reading ±0.2m/s ±0.2% of reading ±0.1m/s 0.1 from 21 to 100 m/s ±1% of reading ±0.1m/s 0.1 m³/h, cfm, l/s, m³/s from 0 to 99,999m³/h ±0.2% of reading ±0.1m/s 0.1 m³/h, cfm, l/s, m³/s from 0 to 99,999m³/h ±0.2% of reading ±0.1m/s 0.1 m³/h, cfm, l/s, m³/s from 0 to 99,999m³/h ±0.2% of reading ±0.1m/s 0.1 m³/h in the second of the s	PIIOT TOBE	Air volocity	m/s fam Km/h mah	from 2 to 5 m/s	±0.3 m/c	0.4/-
Air velocity m/s, fpm, Km/h, mph from 4 to 20 m/s from 21 to 100 m/s ±0.3 m/s 0.1 hrow 21 to 100 m/s ±1% of reading ±0.1m/s 0.1 hrow 21 to 100 m/s ±1% of reading ±1% PE 1 m³ 4 to 20 m/s from 21 to 100 m/s ±1% of reading ±1% PE 1 m³ 4 to 20 m/s from 0 to 99,999m³/h ±0.2% of reading ±1% PE 1 m³ 4 to 20 m/s from 0 to 5000 ppm from 0 to 1,000 ppm from 0 to 1,000 ppm from 5 to 95% RH 0.14 from 5 to 95% RH 5 to 480 from 5 to 95% RH 5 to 480 from 5 to 95% RH 5 to 480 from 5 to 480 from 5 to 500 from 5 to 95% RH 5 to 480 from 5 to 500 from 5 to 95% RH 5 to 480 from 5 to 500 from 5 to 95% RH 5 to 480 from 5 to 500 from 5 to 95% RH 5 to 480 from 5 to 500 f		All velocity	iii/5, ipiii, Kiii/ii, iiipii			0.1 m/s
Air velocity m/s, fpm, Km/h, mph from 4 to 20 m/s from 21 to 100 m/s ±1% of reading ±0.1m/s 0.1 airflow m³/h, cfm, l/s, m³/s from 0 to 99,999m³/h ±0.2% of reading ±1% PE 1 m³ Air quality probes: CO / CO₂ / temperature / Hygrometry Temperature °C, °F from 0 to 5000 ppm from 0 to 5000 ppm from 0 to 1,000 ppm from 0 to 1,000 ppm from 0 to 1,000 ppm from 5 to 95%RH 0.1 STANDARD HYGROMETRY probe Relative humidity %RH from 3 to 98 %RH According to temperature and hygrometry measuring ranges from -20 to +80°C from -20 to +80°C humidity denthalpy g/Kg / Kj/Kg from -50 to +80°C from -20 to +80°C from -20 to +80°C from -20		Airflow	m^3/h , cfm, l/s , m^3/s	from 0 to 99,999m3/h	±0.2% of reading ±1% PE	1 m ³ /h
Air velocity m/s, phi, killin, high from 21 to 100 m/s ±1% of reading ±0.1m/s 0.1 air quality probes: CO / CO₂ / temperature / Hygrometry Temperature °C, °F from 0 to 5000 ppm from 0 to 1,000 ppm rom 0 to 1,000 ppm from 0 to 1,000 ppm rom 5 to 95%RH STANDARD HYGROMETRY probe Relative humidity %RH from 5 to 95%RH Belative humidity / enthalpy g/Kg / Kj/Kg pow point conditions of conditions	DEBIMO blades					
Air quality probes : CO / CO2 / temperature / Hygrometry Temperature °C, °F from -20 to +80°C See related datasheet 0.1 Portable probes" 1pp from 0 to 1,000 ppm		Air velocity	m/s, fpm, Km/h, mph			0.1 m/s 0.1 m/s
Temperature °C, °F from -20 to +80 °C See related datasheet 0.1 Portable probes" 1 pp from 0 to 5000 ppm from 0 to 1,000 ppm 1 pp from 0 to 1,000 ppm 1 pp from 5 to 95%RH 0.1 Portable probes 1 pp from 3 to 98 %RH Absolute humidity / enthalpy g/Kg / Kj/Kg Absolute humidity / enthalpy g/Kg / Kj/Kg from -50 to +80 °C to ±0.3% of reading ±0.25 °C 0.1 Portable probes 1 pp from 3 to 98 %RH Absolute humidity / enthalpy g/Kg / Kj/Kg from -50 to +80 °C to ±0.3% of reading ±0.25 °C 0.1 Portable probes 1 pp from 3 to 98 %RH Absolute humidity / enthalpy g/Kg / Kj/Kg from -50 to +80 °C to ±0.3% of reading ±0.5 °C to 0.1 Portable probes 1 pp from 3 to 98 %RH Absolute humidity / enthalpy g/Kg / Kj/Kg from -50 to +80 °C to ±0.3% of reading ±0.5 °C to 0.1 Portable probes 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH According to temperature and hygrometry measuring ranges 1 pp from 3 to 98 %RH 3 pp fro		Airflow	m ³ /h ofm 1/o m ³ /o			
Temperature °C, °F from -20 to +80 °C See related datasheet "Portable probes" 1 pp	Vir quality probac : CO			110111 0 to 99,999111711	±0.2 % Of reading ±1 % FL	1 1117/11
TACHOMETRY probe (See datasheet "Portable probes") From 0 to 5000 ppm from 0 to 5000 ppm from 0 to 1,000 ppm from 5 to 95%RH Portable probes" The provided probes from 5 to 95%RH Relative humidity %RH Absolute humidity / enthalpy g/Kg / Kj/Kg Dew point °C tot, °F tot from -50 to +80°C tot ±0.3% of reading ±0.5°C tot 0.1 Absolute humidity / enthalpy g/Kg / Kj/Kg Absolute humidity %RH Absolute humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges room -20 to +80°C to +0.6% of reading ±0.25°C to 1.1 Ambient temperature °C, °F from -50 to +80°C to ±0.6% of reading ±0.5°C to 1.1 FACHOMETRY probe (See datasheet "Portable probes")	an quanty probes . CO			from 20.4- : 20.80	Convolated datastics (0.4.00
Relative humidity %RH from 5 to 95%RH Relative humidity %RH from 3 to 98 %RH Absolute humidity / enthalpy g/Kg / Kj/Kg Dew point °C td' °F td from -20 to ±0.3% of reading ±0.25°C Absolute humidity / enthalpy g/Kg / Kj/Kg Absolute humidity / enthalpy composition of the state o						0.1 °C 1 ppm
Relative humidity %RH from 5 to 95%RH Relative humidity Probe Relative humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges from -50 to +80°C td +0.3% of reading ±0.25°C 0.1 Relative humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges from -20 to ±0.3% of reading ±0.25°C 0.1 Relative humidity %RH from 3 to 98 %RH See related datasheet "Portable probes" 0.1 Relative humidity %RH from 3 to 98 %RH See related datasheet "Portable probes" 0.1 Relative humidity %RH from 3 to 98 %RH According to temperature and hygrometry measuring ranges from -50 to +80°C td ±0.6% of reading ±0.25°C 0.1 Ambient temperature °C, °F from -50 to +80°C td ±0.6% of reading ±0.5°C td 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1				• • • • • • • • • • • • • • • • • • • •	. ortable probes	1 ppm
Relative humidity / enthalpy g/Kg / Kj/Kg Dew point Ct, Ft Ambient temperature Ct, Ft Dew point Ct, Ft Absolute humidity / enthalpy g/Kg / Kj/Kg Absolute humidity / enthalpy g/Kg / Kj/Kg Dew point Ct, Ft Ambient temperature Ct, Ft Absolute humidity MRH Absolute humidity / enthalpy g/Kg / Kj/Kg Dew point Ct, Ft Ambient temperature Ct, Ft According to temperature and hygrometry measuring ranges from -50 to +80°Ct Horm -50 to +80°Ct To -50 to +80°Ct Ambient temperature Ct, Ft Ambient temperature Ct, Ft Ambient temperature Ct, Ft Ambient temperature Ct, Ft Ambient temperature Protable probes")	Ral					0.1 %RH
Relative humidity %RH Absolute humidity mthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges from -50 to +80°C _{td} ±0.6% of reading ±0.5°C to ±0.3% of reading ±0.25°C 0.1 Ambient temperature °C, °F From 3 to 98 %RH End of temperature and hygrometry measuring ranges from -20 to ±0.3% of reading ±0.25°C 0.1 Ambient temperature °C, °F From 3 to 98 %RH See related datasheet 0.1			/01111	110111 0 10 00 /01111		V. 1 /01XII
Absolute humidity / enthalpy g/Kg / Kj/Kg Dew point °C td, °F td Ambient temperature °C, °F Absolute humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges from -50 to +80°C td Experimental temperature control to			%RH	from 3 to 98 %RH	See related datasheet	0.1 %RH
Dew point °C td', °F td from -50 to +80°C td ±0.6% of reading ±0.5°C td 0.1 Ambient temperature °C, °F from -20 to ±0.3% of reading ±0.25°C 0.1 HIGH TEMPERATURE HYGROMETRY probe 1.T Relative humidity %RH from 3 to 98 %RH According to temperature and hygrometry measuring ranges "Portable probes" 0.1 Absolute humidity / enthalpy g/Kg / Kj/Kg hygrometry measuring ranges "Portable probes" 0.1 Ambient temperature °C, °F from -50 to +80°C td ±0.6% of reading ±0.5°C td 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1	\$ 1 I I	,		According to temperature and		0.1 g/Kg
Ambient temperature °C, °F from -20 to ±0.3% of reading ±0.25°C 0.1 HIGH TEMPERATURE HYGROMETRY probe H.T Relative humidity %RH from 3 to 98 %RH According to temperature and hygrometry measuring ranges Dew point °C, °F, from -50 to +80°C, to ±0.6% of reading ±0.5°C, 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1				hygrometry measuring ranges from -50 to +80°C	±0.6% of reading ±0.5°C	0.1 °C _{td}
Absolute humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges Dew point °C _{td} , °F _{td} from -50 to +80°C _{td} ±0.6% of reading ±0.5°C _{td} 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1	Ambie	•		1.0	tu tu	0.1 °C
Absolute humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges Dew point °C _{td} , °F _{td} from -50 to +80°C _{td} ±0.6% of reading ±0.5°C _{td} 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1	IIGH TEMPERATURE H	YGROMETRY	probe			
Absolute humidity / enthalpy g/Kg / Kj/Kg According to temperature and hygrometry measuring ranges Dew point °C _{td} , °F _{td} from -50 to +80 °C _{td} ±0.6% of reading ±0.5 °C _{td} 0.1 Ambient temperature °C, °F from -40 to +180 °C ±0.3% of reading ±0.25 °C 0.1 TACHOMETRY probe (See datasheet "Portable probes")					See related datasheet	0.1 %RH
Dew point °C _{td} , °F _{td} from -50 to +80°C _{td} ±0.6% of reading ±0.5°C _{td} 0.1 Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1 TACHOMETRY probe (See datasheet "Portable probes")	1.1	•		According to temperature and		0.1 g/Kg
Ambient temperature °C, °F from -40 to +180°C ±0.3% of reading ±0.25°C 0.1 [ACHOMETRY probe (See datasheet "Portable probes")) isociate flui				+0.6% of reading +0.5°C	0.1 °C _{td}
FACHOMETRY probe (See datasheet "Portable probes")	Δmhi	•		·-		0.1 °C
		•	· · · · · · · · · · · · · · · · · · ·		y <u>-</u>	-
	• • •					
Pt100 Smart-Plus probes (See related datasheet)						

^{*}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 required compensation.
**The accuracy is expressed either by a deviation in °C, or by a percentage of the value concerned. Only the bigger value is considered.

DESCRIPTION	AMI 300	AMI 300 CLA	AMI 300 STD	AMI 300 PRO	AMI 300 CRF	AMI 300 SRF	AMI 300 PRF
Pressure module from 0 to ±500 Pa	0	0	0	•	0	0	•
Pressure module from 0 to ±2500 Pa	0	0	0	0	0	0	0
Pressure module from 0 to ±10000 Pa		0	•	0	0	•	
Pressure module from 0 to ±500 mBar	0	0	0	0	0		0
Pressure module from 0 to ±2000 mBar	0	0	0	0	0	0	0
Current / voltage module	•	•	•	•	•	•	•
Thermocouple module	0	0	0	0	0		0
Climatic conditions module	0	0	0	0	0	0	0
2x1 m silicone tube Ø 4 x 7 mm	0	0	•	•	0	•	•
Stainless steel tips Ø 6 x 100 mm	0	0	•	•	0	•	•
Pitot tube Ø 6mm, lg. 300 mm	0	0	•	0	0	•	0
Pitot tube Ø 6mm, lg. 300 mm T	0	0	0	•	0	0	•
Pitot tube Ø 6mm, lg. 300 mm S	0	0	0	0	0	0	0
Optical tachometry probe	0	0	0	0	0	0	0
ETC adaptor	0	0	0	0	0	0	0
Reflective tape	0	0	0	0	0	0	0
Standard hotwire	0	•	•	0	•	•	0
Straight extension for hotwire	0	•	•	0	•	•	•
Telescopic gooseneck-shaped hotwire	0	0	0	•	0	0	•
SMART-Plus Ø 14 mm vane probe	0	0	0	0	0	0	0
Telescopic SMART-Plus Ø 14 mm vane probe	0	0	0	0	0	0	0
SMART-Plus Ø 70 mm vane probe	0	•	0	0	0	0	0
Wireless Ø 70 mm vane probe	0	0	0	0	•	0	0
SMART-Plus Ø 100 mm vane probe	0	0	•	•	0	0	0
Wireless Ø 100 mm vane probe	0	0	0	0	0	•	•
SMART-Plus standard hygrometry probe	0	•	•	0	0	0	0
Wireless standard hygrometry probe	0	0	0	0	•	•	0
SMART-Plus high temperature hygrometry probe	0	0	0	•	0	0	0
Wireless high temperature hygrometry probe	0	0	0	0	0	0	•
SMART-Plus Pt100 temperature probe	0	0	0	0	0	0	0
Wirelesss Pt100 temperature probe	0	0	0	0	0	0	0
Thermocouple K, J and T probe	0	0	0	0	0	0	0
CO ₂ / temperature probe	0	0	0	0	0	0	0
CO / temperature probe	0	0	0	0	0	0	0
CO ₂ / temperature / Hygrometry probe	0	0	0	0	0	0	0
Air velocity/ Temperature / Hygrometry probe	0	0	0	0	0	0	0
8 rechargeable batteries with charger	0	0	0	0	0	0	0
Calibration certificate	•	•	•	•	•	•	•
Transport case	•	•	•	•	•	•	0 0

Accessories (See related datasheet)

Datalogger-10	K 25 - 35 - 75 - 120 - 150	BNF		CE 300		GST		ADS
Datalogger-10 PC software for data recording and processing. Wired (LPCF) or wireless (LPCR) interface.	Airflow cones (See related datasheet)	Hotwire cleaning s	pray	Hands-free prot	tective	Silicone heat conduction grease for temperature probes		Adaptor for power supply 230 Vac
KPIJ 20 – 50 – 100 – 200 - 600	See related datashee	t	BN (See d	latasheet)	RD 300		RTS	
Ammeter clamp with PVC cable lg. 2m and jack connector.	Debimo airflow blades of different sizes				Straight extension for hotwire Ø 10 mm. lg. 300 mm		Telescopic extension, length 1 m, bent at 90° for measuring probe.	

Warranty period

Instruments have 1-year guarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

www.kimo.fr

Distributed by:

EXPORT DEPARTMENT

 $\mathsf{Tel}: \texttt{+33.} \; 1. \; 60. \; 06. \; 69. \; 25 \; \texttt{-} \; \; \mathsf{Fax}: \texttt{+33.} \; 1. \; 60. \; 06. \; 69. \; 29$

e-mail: export@kimo.fr



INLEC, supporting you to deliver a world class service, every day, in every sector ...













OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match quarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from anunbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

9 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

Europe's leading Test Equipment Hire Specialist









