INSTRUMENTS

Portable
Instruments

Summary

Class 100 & 200

Dedicated to Food Industry

NEW

Airflow meter

Airflow & Air velocity
DBM610

Page **18**

Page **19**

Software

Interchangeable measurement modules Class 200/300

Class 300
Multifunction

Pages **14-15**

Thermometer

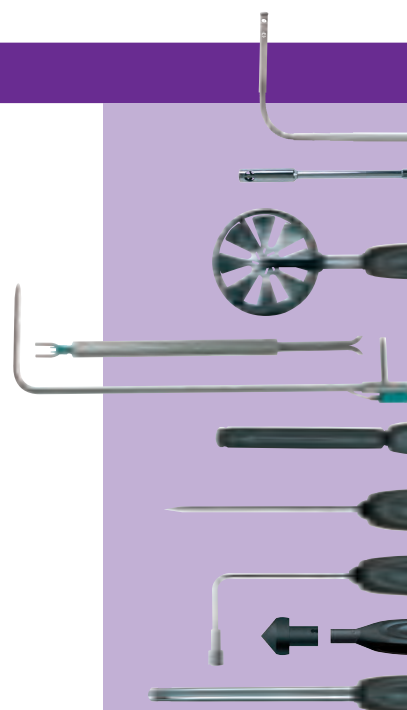Hygrometer
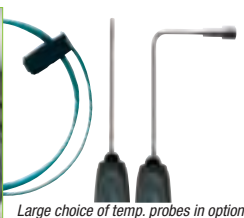
Anemometer

Manometer

Air quality

Tachometer

Temperature, delta T, selection of units, hold, max., min., adjustable automatic shut-off and backlight.

TK100/TK102
Thermocouple K, J, T

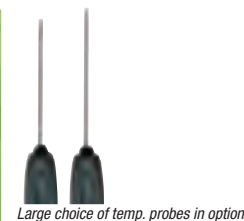- 1 or 2 channels thermometer
- Interchangeable probes

Large choice of temp. probes in option

TK102
2 channels

TN100/TN101/TN102
NTC

- 1 or 2 channels thermometer
- One fixed probe or a large choice of interchangeable probes

Large choice of temp. probes in option

TR100/TR102
PT100

- 1 or 2 channels thermometer
- Interchangeable probes

Large choice of temp. probes in option

Class 100 & 200 accessories

Probes
PT100, NTC, Thermocouple K, J, T

Interchangeable SMART + probes
Probes automatically recognized when connected to the instrument. (PT100 probes)

Calibration certificate
Supplied with

Lamella contact angled
from -50 to + 250°C

Contact with circular tip
from -50 to + 250°C
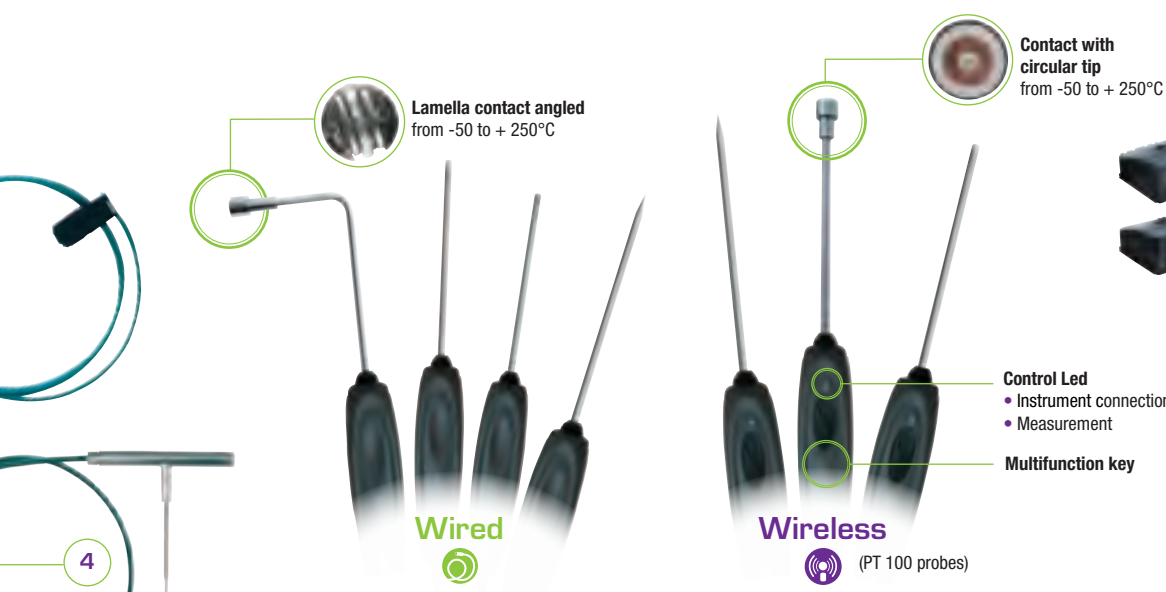
● Supplied with ● Optional

Current/voltage module	
Module with 4 THERMOCOUPLE inputs	
*Thermocouple K, J, T probe**	
*NTC probes**	
NTC penetration probe	
*PT100 probe**	
PT100 probe - wireless -*	

Large choice of temperature probes in option

Control Led
- Instrument connection
- Measurement

Multifunction key

Wired

Wireless
(PT 100 probes)

4

Thermometers

Temperature, delta T, selection of units, hold, max., min., audible alarm (2 setpoints).

8,000 measurement points.

TM200
4 Thermocouple inputs
2 PT100 inputs

Large choice of temperature probes in option

Supplied in a transport case

Wireless probes

Interchangeable modules

Module with 4 Thermocouple inputs

2 PT100 channels

4 Thermocouple K,J,T channels

Current/voltage module

For ΔT supervision on air handling system.

Magnetic protective cover
Hands-free

Black ball (class 200)
With connection gland

Datalogger - 10 (class 200)
Software for data recording and processing.

Wireless connection
(class 200)

	TK100 - TK102 1 channel - 2 channels	TN100 - TN102 1 channel - 2 channels	TN101	TR100 - TR102 1 channel - 2 channels	TM200
0 to 2,5 V / 0 to 10 V / 0 to 4-20 mA					●
K : -200 to +1300°C / J : -100 to +750°C / T : -200 to +400°C					●
(Measuring range according to model)	●				●
-40 to +120°C (according to model)		●	●		●
-50 to +250°C (according to model)				●	● ●

Hygrometers

SERVICE
Humidity rate monitoring

CLEAN ROOMS
Hazardous area control

HM100
Pin moisture meter

Indication of humidity percentage for
4 types of different material:
- Hardwood
- Softwood
- Concrete and plaster
- Bricks

NEW

Relative humidity, dew point and temperature.
Selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.

HD100
Hygrometry
Temperature
• Fixed probe

Class 100 & 200 accessories

Probes
Hygrometry, temperature
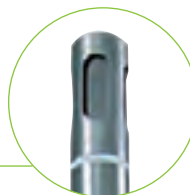
**High temperature and
hygrometry probe**
• From -40 to +180°C

**Interchangeable
SMART + probes**
Probes automatically
recognized when connected
to the instrument.

Supplied with

**Calibration
certificate**

● Supplied with ● Optional

Current/voltage module	
Module with 4 THERMOCOUPLE inputs	
Standard hygrometry probe	
Standard hygrometry probe - wireless -	
High temperature hygrometry probe	
High temperature hygrometry probe - wireless -	
PT100 temperature probe*	
*PT100 temperature probe - wireless -**	
Thermocouple K, J, T probes*	

Large choice of temperature probes in option

Wired **Wireless** (Pt 100 probes)

Wireless (Pt 100 probes)

Hygrometers

Absolute and relative humidity, dew point, surface dew point, temperature and wet temperature, enthalpy, WBGT index, delta T, selection of units, hold, max., min.

8,000 measurement points.

HD200

Hygrometry
PT100
Thermocouple K, J, T

Large choice of temperature probes in option

Wireless probes

Interchangeable modules
Module with 4 Thermocouple inputs
Current/voltage module

High Temperature Humidity probe
• Stainless steel probe
• Up to 180°C

For all humidity measurement fields.

Supplied in a transport case

	HD100	HD200STD	HD200HT	HD200
0 to 2,5 V 0 to 10 V 0 to 4-20 mA		●	●	●
K : -200 to +1300°C J : -100 to 750°C T : -200 to +400°C		●	●	●
3 to 98 %RH 0 to 600 g/Kg -40 to +70°C$_{td}$ -20 to +80°C	●	●	●	●
3 to 98 %RH 0 to 600 g/Kg -50 to +80°C$_{td}$ -40 to +180°C		●	●	●
-50 to +250°C (according to model)		●	●	●
(according to model)		●	●	●

Magnetic protective cover
Hands-free

Necessary for **WBGT index calculation**
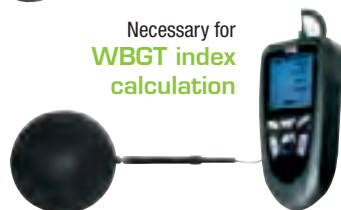
Black ball (class 200)
With connection gland

Datalogger - 10 (class 200)
Software for data recording and processing.

Wireless connection

(class 200)

7

LV101
Ø14mm vane

- Velocity • Airflow in ducts and with cones
- Temperature • Fixed probe

LV107 & LV110
Ø70mm & Ø100mm vane

- Velocity • Airflow calculation • Temperature
- Fixed probe • **Detection of airflow direction**

LV120 & LV130
Ø100mm vane

Thermo-anemometer with Ø100mm fixed or rotative vane probe.

NEW

Velocity and airflow in ducts and with cones, temperature.
Selection of units, hold, max., min., automatic average,
adjustable automatic shut-off and backlight.

VT100
Hotwire

- Velocity
- Airflow calculation with cone
- Temperature
- Velocity compensation with air pressure
- Fixed probe

KIMO

VT 100

Probes

Ø14mm, Ø70mm and Ø100mm vanes, Hotwire

Hotwire
- Standard or telescopic gooseneck-shaped
- Built-in Pt100 temperature probe

Ø 70mm, Ø 100mm vane
- Detection of airflow direction
- Built-in Pt100 temperature probe

Ø14mm vane
- Built-in Pt100 temperature probe

Control Led
Instrument connection
Measurement
Multifunction key

Wired   **Wireless**   (PT 100 probes)

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Class 100 & 200 accessories

● Supplied with   ● Optional

			LV120	LV130
Current/voltage module	0 to 2,5 V 0 to 10 V 0 to 4-20 mA			
Module with 4 THERMOCOUPLE inputs	K : -200 to +1300°C J : -100 to +750°C T : -200 to +400°C			
Standard Hotwire	0,15 to 30 m/s			
Telescopic gooseneck-shaped hotwire	-20 to +80°C 0 to 99999 m³/h			
Airflow cones			●	●
Ø14 mm vane	0,8 to 25m/s			
Ø14 mm telescopic vane	-20 to +80°C 0 to 99999 m³/h			
Ø70 mm vane	0,3 to 35m/s			
Ø70 mm wireless vane	-20 to +80°C 0 to 99999 m³/h			
Ø100 mm vane	0,25 to 35m/s		●	●
Ø100 mm wireless vane	-20 to +80°C 0 to 99999 m³/h			
*PT100 temperature probe**	-50 to +250°C			
PT100 temperature probe - wireless -*	(according to model)			
*Thermocouple K, J, T probe**	(Measuring range according to model)			

Velocity and airflow in ducts and with cones, average (point per point, automatic and automatic point per point), K2 factor, temperature, delta T. Selection of units, hold, max. min., Standard deviation.

8,000 measuring points.

VT200
Vanes
Hotwire
Temperature

Hotwire
- Standard or telescopic gooseneck-shaped
- Built-in Pt100 temperature probe

Airflow at vent outlet

- **Airflow cones for hotwire and vane probes :**
  - 200 x 200 mm
  - 300 x 300 mm
  - 450 x 450 mm
  - 550 x 100 mm

Wireless probes

Wireless connection

Ø70 mm and Ø100 mm vane and PT100 temperature probes.

Interchangeable modules
4 inputs Thermocouple module
Current/voltage module

.........Airflow cones
for vane and hotwire probes.

.........Magnetic protective cover
Hands-free

Datalogger - 10 (class 200)
Software for data recording and processing.

Wireless connection
(class 200)

Supplied in a transport case

Calibration certificate

Supplied with

LV101	LV107	LV110	VT100	VT200	VT200F	VT200H	VT200L	VT200P	VT200TP	VT200TF
				●	●	●	●	●	●	●
				●	●	●	●	●	●	●
			●	●	●	●	●	●	●	●
				●	●	●	●	●	●	●
●		●	●	●	●	●	●	●	●	●
●				●	●	●	●	●	●	●
				●	●	●	●	●	●	●
	●			●	●	●	●	●	●	●
				●	●	●	●	●	●	●
		●		●	●	●	●	●	●	●
				●	●	●	●	●	●	●
				●	●	●	●	●	●	●
				●	●	●	●	●	●	●

Manometers

Class 100

Pressure, selection of units, Self-calibration, hold, min., max., adjustable automatic shut-off and backlight.

MP100 & MP101

From 0 to ±1000 Pa
From 0 to ±1000 mmH$_2$O

MP105/112

From 0 to ±500/±2000 mbar

MP115

For atmospheric pressure

From 700 to 1100 mbar

NEW

MP120

From 0 to ±1000 Pa

- Pressure
- Velocity and airflow calculation
- Velocity calculation with air pressure compensation.

Class 100 & 200 accessories

Probes

Pitot Tubes, Thermocouple, CO/temp.
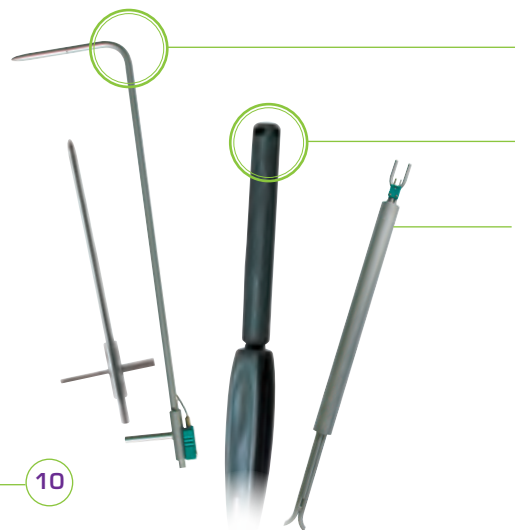
X5

Pitot Tubes «L type»
- With or without temperature compensation
- Several diameters and lengths available

CO/Temperature probe
- From 0 to 1000 ppm
- PT 100 from -20 to +80°C

Pitot Tube «S type»
- Built-in thermocouple temperature probe
- **TIG welding and stainless steel sheath**.

Wired

Large choice of temperature probes in option

● Supplied with　● Optional

Interchangeable PRESSURE Modules	0 to ± 500 Pa
	0 to ± 2500 Pa
	0 to ± 10 000 Pa
	0 to ± 500 mBar
	0 to ± 2000 mBar
Current/voltage module	0 to 2,5 V 0 to 10 V 0 to 4-20 mA
Module with 4 THERMOCOUPLE inputs	K : -200 to +1300°C J : -100 to +750°C T : -200 to +400°C
Thermocouple K, J, T probes	(Measuring range according to model)
CO/Temperature probe	-20 to +80°C 0 to 500 ppm
Pitot Tubes 'L' and 'S' 　*Diameter : from Ø3 to Ø14 mm* 　*Length : from 100 mm to 3 m*	2 to 100 m/s 0 to 99999 m³/h
Airflow DEBIMO blades	4 to 100 m/s 0 to 99999 m³/h

Manometers

Pressure, Self-calibration automatic or manual, CO maximum, pressure integration, average (pt per pt, automatic and automatic pt per pt), velocity, airflow. Selection of units, hold, min., max., standard deviation, audible alarm (2 Setpoints).

8,000 measuring points.

MP200

From 0 to ±10 000 Pa
Velocity
Airflow

Interchangeable modules

- **5 pressure modules :**
  5 measuring ranges available
  - 0 to ±500 Pa*
  - 0 to ±500 mBar
  - 0 to ±2500 Pa
  - 0 to ±2000 mBar
  - 0 to ±10 000 Pa
- Specially designed for low pressure measurement in clean room environment*.

- **1 current voltage module**
- **1 thermocouple module**

Pitot Tubes

With or without temperature compensation

- 'L' or 'S' Types
- Straight or bent
- Ø 3 to Ø 14 mm
- Length : from 100 mm to 3 m

Air quality
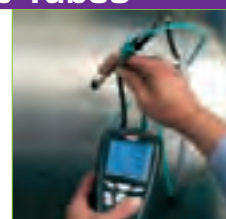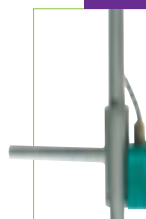
CO/Temperature probe

- Audible alarm (2 Setpoints)
- From 0 to 500 ppm

	MP100 0 to ±1000 Pa**	MP101 0 to ±1000 mmH₂O**	MP105 0 to ±500 mbar**	MP112 0 to ±2000 mbar**	MP120 0 to ±1000 Pa**	MP200P	MP200M	MP200G	MP200H	MP200HP
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
						●	●	●	●	●
	●	●	●	●	°	*	*	*	*	*
	●	●	●	●	●	*	*	*	*	*

°Built-in velocity calculation (and with Pitot tube 'L')

*Built-in velocity and airflow calculation
**Integrated pressure sensor

Velocity and Airflow direct in ducts :
Debimo blades
from 100 mm to 3 m length

Magnetic protective cover
Hands-free

Datalogger - 10 (class 200)
Software for data recording and processing.

Wireless connection
(class 200)

Calibration certificate
Supplied with

Supplied in a transport case

Air quality

SERVICE

AGRONOMY

WINE MAKING

CO_2, temperature, selection of units, hold, max., min., adjustable automatic shut-off and backlight.

AQ100

CO$_2$
Temperature

• Fixed probe

683
9.2m
18.3 °C

Tachometer

Rpm indicator

170
OPTIC

Contact/Optical

• Fixed probe

• Selection of units
• Function, Hold, max., min.
• Selection of contact or optical
• Adjustable auto-extinction and backlight

● Supplied with   ● Optional

		CT1000	CT100C
Optical probe	From 60 to 60000 rpm	●	●
ETC adaptor	From 30 to 20000 rpm	●	●

Supplied with **Calibration certificate**

Supplied in a transport case

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Air quality

Class 200

CO, CO_2, temperature, Delta T, humidity, selection of units, hold, max., min., audible alarm (2 setpoints),...

8,000 measuring points.

AQ200
CO/CO_2
Temperature/ Hygrometry
Air pressure
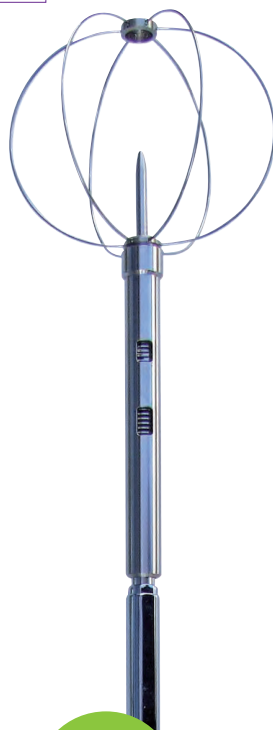
NEW

Omnidirectional probe

Air quality probes

CO/Temperature probe
• From 0 to 500 ppm / From -20 to +80°C

CO_2/Temperature probe
• From 0 to 5000 ppm / From -20 to +80°C

CO_2/Temp./Hygrometry probe
• From 0 to 5000 ppm / From -20 to +80°C / From 5 to 95 %RH

Interchangeable modules

Climatic conditions
• Hygro/Temp./Air pressure

Module with 4 Thermocouple inputs
Current/voltage module

Wireless probes

Wireless connection
PT100 temperature probes

Accessories

Magnetic protective cover
Hands-free

Datalogger - 10 (class 200)
Software for data recording and processing.

Wireless connection
(class 200)

Supplied in a transport case

Calibration certificate
Supplied with

● Supplied with ● Optional

		AQ100	AQ200	AQ200P	AQ200S	AQ200-O
Climatic conditions module	5 to 95%RH / -20 to +80°C / 800 to 1100hPa		○	○	○	○
Current/voltage module	0 to 2,5 V / 0 to 10 V / 0 to 4-20 mA		●	●	○	●
Module with 4 THERMOCOUPLE inputs	K : -200 to +1300°C / J : -100 to +750°C / T : -200 to +400°C		○	○	○	○
CO/Temperature probe	0 to 500 ppm / -20 to + 80°C		○	○	○	○
CO_2/Temperature probe	0 to 5000 ppm / -20 to +80°C	●	●	●	○	○
CO_2/Temp./Hygro probe	0 to 5000 ppm / -20 to 80°C / 5 to 95%RH		●	●	○	○
PT100 temperature probes *	-50 to +250°C (according to model)		○	○	○	○
PT100 temperature probes-wireless- *			○	○	○	○
Thermocouple K, J, T probes *	(Measuring range according to model)		○	○	○	○
Omnidirectional probe air velocity/temperature/hygrometry	0 to 5m/s / -20 to 80°C / 5 to 95%RH		○	○	○	●

*Large choice of temperature probes in option

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Customize your AMI300 according to your needs.

Legend: ● Supplied with   ● Optional

		AMI300	AMI300CLA	AMI300STD	AMI300PRO	AMI300CRF	AMI300SRF	AMI300PRF
Interchangeable PRESSURE modules	0 to ±500 Pa	Optional	Optional	Optional	Supplied	Optional	Optional	Supplied
	0 to ±2500 Pa	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	0 to ±10000 Pa	Optional	Optional	Supplied	Optional	Optional	Optional	Optional
	0 to ±500 mBar	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	0 to ±2000 mBar	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Current/voltage module	0 to 2,5 V / 0 to 10 V / 0 to 4-20 mA	Supplied	Supplied	Supplied	Supplied	Supplied	Supplied	Supplied
Module with 4 THERMOCOUPLE inputs	K : -200 to +1300°C / J : -100 to +750°C / T : -200 to +400°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Climatic conditions module	5 to 95 %RH / -20 to +80°C / 800 to +1100hPa	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Pitot Tubes 'L' and 'S' (Diameter : from Ø3 to Ø14 mm, Length from 100 mm to 3 m)	2 to 100m/s	Optional	Optional	Supplied	Optional	Optional	Supplied	Optional
		Optional	Optional	Optional	Supplied	Optional	Optional	Optional
	0 to 99999 m³/h	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Optical tachometry probe	60 to 10000 rpm	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	1001 to 60000 rpm	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Contact tachometry probe	30 to 20000 rpm	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Standard hotwire	0,15 to 30 m/s	Supplied	Optional	Optional	Optional	Optional	Supplied	Optional
	-20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Telescopic gooseneck-shaped hotwire	0 to 99999 m³/h	Optional	Optional	Optional	Optional	Optional	Optional	Supplied
Ø14 mm vane	0,8 to 25m/s	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	-20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wired telescopic Ø14 mm vane	0 to 99999 m³/h	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Ø70 mm vane	0,3 to 35m/s	Optional	Supplied	Optional	Optional	Optional	Optional	Optional
	-20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wireless Ø70 mm vane	0 to 99999 m³/h	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Ø100 mm vane	0,25 to 35m/s	Optional	Optional	Supplied	Supplied	Optional	Optional	Optional
	-20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wireless Ø100 mm vane	0 to 99999 m³/h	Optional	Optional	Optional	Optional	Optional	Supplied	Supplied
Standard hygrometry probe	3 to 98 %RH	Optional	Supplied	Optional	Optional	Optional	Optional	Optional
	-50 to +80°C td	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wireless standard hygrometry probe	-20 to +80°C	Optional	Optional	Optional	Optional	Supplied	Supplied	Optional
High temperature hygrometry probe	3 to 98 %RH	Optional	Optional	Optional	Supplied	Optional	Optional	Optional
Wireless high temperature hygrometry probe	-50 to +80°C td	Optional	Optional	Optional	Optional	Optional	Optional	Optional
	-40 to +180°C	Optional	Optional	Optional	Optional	Optional	Optional	Supplied
PT100 temperature probe	-50 to +250°C (according to model)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Wireless PT100 temperature probe		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Thermocouple K, J, T probes	(Measuring range according to model)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CO/Temperature probe	0 to 500 ppm / -20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CO₂/Temperature probe	0 to 5000 ppm / -20 to +80°C	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CO₂/Temp./Hygro probe	0 to 5000 ppm / -20 to 80°C / 5 to 95%RH	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Multifunction probe Velocity/Temperature/Hygrometry	0,15 to 30 m/s / -20 to 80°C / 5 to 95%RH	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Omnidirectional probe air velocity/temperature/hygrometry	0 to 5m/s / -20 to 80°C / 5 to 95%RH	Optional	Optional	Optional	Optional	Optional	Optional	Optional

CO₂/Temperature probe range: 0 to 5000 ppm, -20 to $+80°C$

CO₂/Temp./Hygro probe range: 0 to 5000 ppm, -20 to $80°C$, 5 to $95\%RH$

Wired / Wireless

Supplied with — **Calibration certificate** in alu transport case.

AMI300

Pressure
Temperature/Hygrometry
Velocity/Airflow
Air quality
Tachometry

Wireless   **Wired**

Up to 12,000 measuring points
Evolutive and accurate
Intuitive menu
Large color display
Joystick and 5 metal coated keys

KIMO

7.6
m/s

53
Pa

20.0
°C

AMI 300

Temperature

Pressure

Humidity

Multifunction probe
• Velocity
• Humidity
• Temperature

Climatic conditions module
• Humidity
• Temperature
• Air pressure

Wireless communication
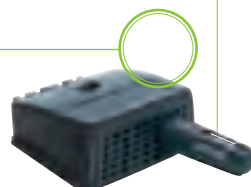
Wireless probes

Wireless connection

Air quality

Velocity and airflow

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Gas detection

Selection of units, auto hold, max. min.,
Adjustable automatic shut-off and backlight
adjustable alarm

NEW

MP130 Gas network sealing

- Manometer for gas network sealing
- Pressure: -200 to +200 mbar
- Sealing kit

NEW

Supplied in
a transport
case

CO detector CO100

- CO detection
- Displaying of ambient temperature
- COmax display

Supplied with **Calibration certificate**

Gas leak detector FG100

- Detection of gas such as methane (CH_4), LPG (isopropanol and isobutane) and others combustible gas (hydrocarbon)
- Display of the concentration of measured gas in ppm, %VOL and %LEL
- Flexible probe with semiconductor gas sensor

NEW

Infrared thermometers

KIRAY 100 - 200 - 300

Temperature control of surfaces :
burning hot, dangerous or difficult to access

From -50 to +1,850°C

Food Industry

Selection of units, auto hold, max. min.,
Adjustable automatic shut-off and backlight
adjustable alarm

➢ *HACCP principle*

Thermometer **TK150**
Thermocouple K, J, T
• 1 channel Thermometer
• Supplied with IP67 waterproof protective cover

Large choice of temp.probes in option

Thermometers **TN150/TN151**
NTC
• 1 channel Thermometer
• Supplied with IP67 waterproof protective cover

Large choice of temp. probes in option

Thermometer **TR150**
PT1000
• 1 channel Thermometer
• Supplied with IP67 waterproof protective cover

Large choice of temp. probes in option

HD150 Hygrometer

• Relative humidity, temperature, dew point
• Fixed probe

Waterproof protective cover

IP67

Supplied with

Calibration certificate

Transport case

● Supplied with ● Optional

		TK150	TN150	TN151	TR150	HD150
Hygrometry probe	• 5 to 95%RH • -40 to +70°Ctd • -20 to +70°C					●
*Thermocouple K, J, T probes**	-50 to +250°C (according to model)	●				
*NTC probes**	-40 to +120°C (according to model)		●			
Penetration NTC probes				●		
*PT1000 probes**	-50 to +250°C				●	
IP67 Waterproof protective cover		●	●	●	●	●

*Large choice of temperature probes in option

17

Velocity and airflow in ducts, pressure, temperature. Selection of units, hold, max., min., automatic average, adjustable automatic shut-off and backlight.

DBM610

For airflow commissioning and balancing

Check air volume of your diffusers and grilles.

- Measuring range: from 40 to 3500 m³/h or from 24 to 2060 cfm
- Quick and simple hood change
- Simultaneous display of airflow and temperature
- Automatic detection of airflow direction (supply or exhaust)
- Removable measuring unit (thermo-anemo-manometer functions)
- Software for data processing on computer

NEW

Thermo-anemo-manometer functions

- Removable measuring unit
- Measurement of airflow in duct with Pitot Tubes
- Check filters fouling with two silicone tubes

Accessories

Supplied with **Calibration certificate**

4 other hoods are available as options:
- 720x720 mm
- 720x1320 mm
- 420x1520 mm
- 1020x1020 mm

Supplied in a transport case

Datalogger - 10

Software for data recording and processing.

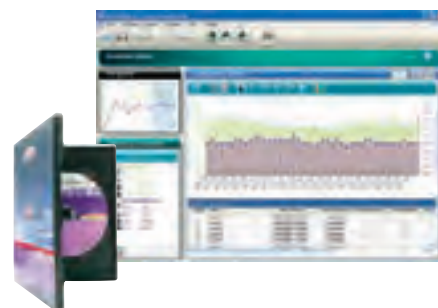**Pitot Tubes «L type»**
- With or without temperature compensation
- Several diameters and lengths available

DATALOGGER-10

Configure

Plan

Data process

Operate

Instruments configuration
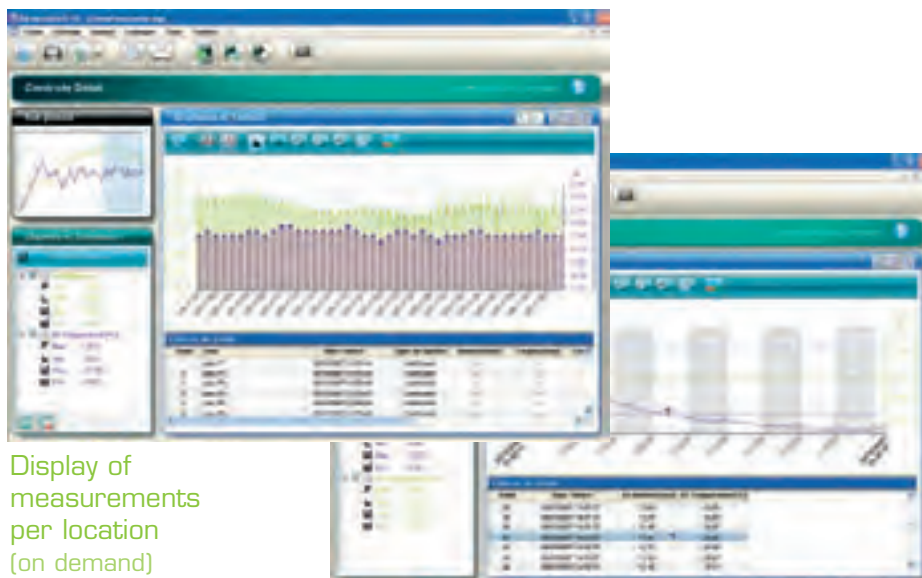
Configure your clients, sites and vent types.

Intervention planning

Configure sites and specifications of your next measuring dataset.

Instruments management

Record your instruments and their calibration certificates.

Display of measurements per location (on demand)

Display of measurements per period

Dataset processing

- Customized channels
- Insert comments
- Display theoritical values and/or tolerances
- Insert legends and statistics
- Add math functions

dB,
selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.

DB200

Sound level meter
Integrating-averaging with storage function

Five different measurement modes
- Conventional sound level meter
- Conventional sound level meter with storage
- Conventional and integrating-averaging sound level meter
- Integrating-averaging sound level meter with storage
- Sound level meter «calculator» of two sound sources

Measured values
- Weighted sound level: L
- Equivalent continous level: Leq
- Sound exposure level: LE
- Peak pressure level: Lpk

- 30 - 130 dB
- Class 2
- X frequency weighting: A - C - Z
- Y frequency weighting: Fast - Slow - Impulse - Peak

DB100

- 30 - 130 dB
- Frequency weighting: A
- Sound-pressure level
- Time averaged sound level

Supplied with

Calibration certificate

Supplied in a transport case

Class 100 & 200 accessories

LDB200 (class 200)
Software for display data and measurement report printing

CAL200 (class 200)
94 dB calibrator

CTL100 (class 100)
Sound controller
90 dB at 1000 Hz

dB
selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.

DS200

NEW

Individual noise dosimeter

Sound pressure level: LAF – LAS – max-min
Equivalent continuous level: LAeq – LCeq – max – min
Peak pressure level: LCpk – LZpk
Detection and peak counting: 135dB – 137dB – 140dB
Daily sound exposure level: Lex,d
Sound exposure: EA,T : en Pa²h
DOSE

Supplied with **Calibration certificate**

Standards

As per following standards:
NF EN ISO 9612 / NF S 31-084 and 2003/10/CE

DS300

Individual noise dosimeter with two channel measurement

NEW

- Only one dynamic range extended from 100 dB : 40-140 dB
- Conventionnal and integrating-averaging sound level meter mode
- Two-channel measurement
- Audio-recording on exceeding thresholds, peaks or short LAeq

Measured values
- Sound pressure level: LAF – LAS – max-min
- Equivalent continuous level: LAeq – LCeq – LXeq - octave bandes 63 Hz/8 kHz
- Detection and peak counting: 135dB – 137dB – 140dB
- Daily sound exposure level: Lex,d
- Sound exposure: EA,T : en Pa²h
- DOSE

Class 200 & 300 accessories

D-MB
microphone direct

LDS300 (class 200 & 300)
LDS300 data processing software allows an elaborated management of data and a presentation of results according to the used measurement methodology.

lux, fc
selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.

Standards

As per following standards:
### NF EN 12464-1 / NF EN 12464-2 / NF EN 12193

LX100

- From 0.1 to 150 000 lux
- From 0.01 to 13 940 fc
- Instantaneous measurement
- Timed measurement
- Relative illuminance function
- Hold function

LX200

Illuminance measurement

- From 0.1 to 200 000 lux
- From 0 to 18 585 fc
- Instantaneous illuminance
- Relative illuminance
- Evolution of illuminance according
  to weather conditions
- Cartography of illuminance
- Uniformity
- Supplied with LLX200 software
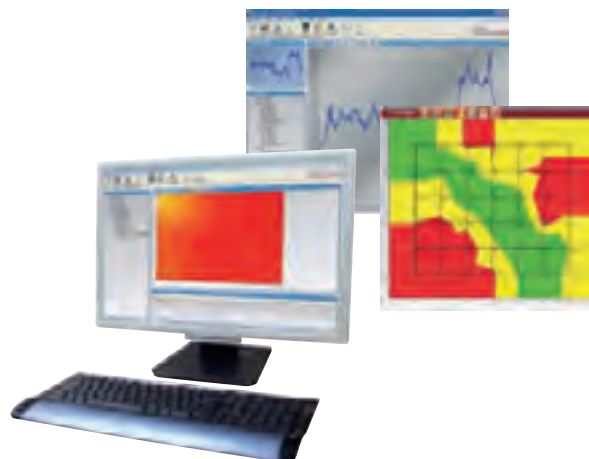
LLX200 (class 200)
Operating software for data processing
and printing of reports.

**Supplied in a
transport case**

Supplied
with

**Calibration
certificate**

Solarimeters / Pyranometers

W/m^2, Wh/m^2,
selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.

SL100

- From 1 W/m^2 to 1300 W/m^2
- From 1 Wh/m^2 to 500 Wh/m^2
- Measurement and spot check of solar power

Calibration certificate

Supplied with

Supplied in a transport case

SL200

Solarimeter / Pyranometer

- From 1 W/m^2 to 1300 W/m^2
- From 1 Wh/m^2 to 500 Wh/m^2
- Measurement and spot check of solar irrigation (instantaneous, average, time-recording)
- Calculation of energetic exposure in Wh/m^2
- Storage and saving of average values of power and updating the energetic exposure calculation every minutes
- Recorded datas can be read on the display, and the graphic function allows a fast interpretation of the measure file

Class 100 & 200 accessories

LSL200 (class 200)
LSL 200 is a configuration, recovery and data processing software of stored data in the instrument.

Fixing kit
For solar panels

Tripod
For SL100 and SL200