



Portable Instruments



Pressure • Temperature • Humidity • Velocity and Airflow • Tachometry • Air quality • Sound level • Light



Class 100 & 200

Thermometers Page 4

Hygrometers Page 6

Anemometers Page 8

Manometers Page 10

Air quality Page 12

Tachometer Page 12

Gas detection Page 16

Infrared thermometers Page 16

Sound level meters Page 20

Noise dosimeters Page 21

Luxmeters Page 22

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Dedicated to Food Industry

Thermometers - Hygrometers
Class 150

Page 17





Interchangeable measurement modules
Class 200/300

Pages **14-15**

Class 300 Multifunction

- Thermometer
- Hygrometer
- Anemometer
- Manometer
- Air quality
- Tachometer

NEW

Airflow meter

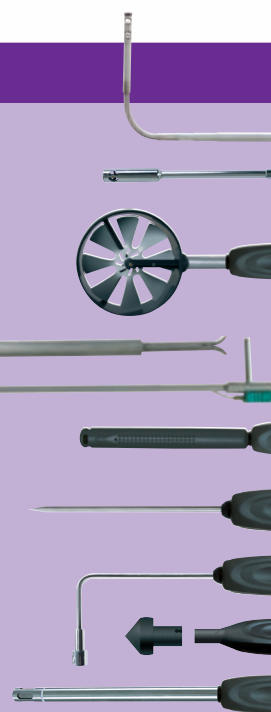
Airflow & Air velocity
DBM610

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Software





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

TK100/TK102 Thermocouple K, J, T

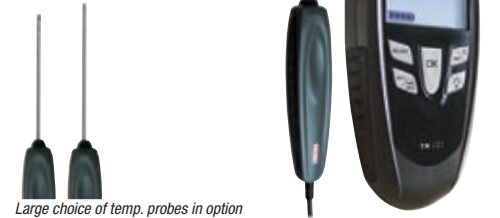
- 1 or 2 channels thermometer
- Interchangeable probes



Large choice of temp. probes in option

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

TK102 2 channels



Class 100 & 200 accessories

Probes

PT100, NTC, Thermocouple K, J, T

Interchangeable SMART + probes

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



Lamella contact angled from -50 to +250°C

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

Control Led
• Instrument connection
• Measurement

Multifunction key

Wired

Wireless

(PT 100 probes)

● 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



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



8,000 measurement points.

Range dedicated to Food-Industry
page 17

INFRARED
Thermometers
page 16

Wireless probes



Interchangeable modules

Module with 4 Thermocouple inputs

2 PT100 channels

4 Thermocouple K,J,T channels

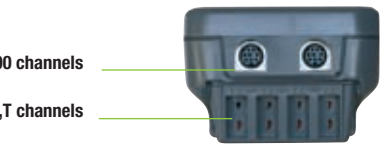
Current/voltage module

TM200

4 Thermocouple inputs
2 PT100 inputs



Large choice of temperature probes in option



For ΔT supervision on air handling system.



Supplied in a transport case

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)				●	●



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)



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

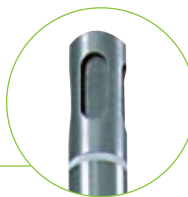
Hygrometry, temperature



Wired **Wireless**



(Pt 100 probes)



High temperature and hygrometry probe
• From -40 to +180°C



Wireless



(Pt 100 probes)



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



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.

Range dedicated to Food-Industry
page 17

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

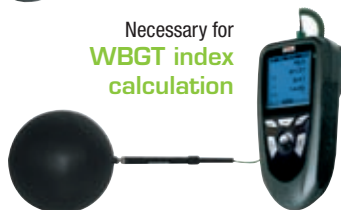
HD200

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 _{sd}		●	●	●
-20 to +80°C		●	●	●
3 to 98 %RH		●	●	●
0 to 600 g/Kg		●	●	●
-50 to +80°C _{sd}		●	●	●
-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)



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



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**

8



(PT 100 probes)



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



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 -20 to +80°C		
Telescopic gooseneck-shaped hotwire	0 to 99999 m³/h		
Airflow cones		●	●
Ø14 mm vane	0,8 to 25m/s -20 to +80°C		
Ø14 mm telescopic vane	0 to 99999 m³/h		
Ø70 mm vane	0,3 to 35m/s -20 to +80°C		
Ø70 mm wireless vane	0 to 99999 m³/h		
Ø100 mm vane	0,25 to 35m/s -20 to +80°C	●	●
Ø100 mm wireless vane	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



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



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

Supplied with Calibration certificate

MP100 & MP101

From 0 to ± 1000 Pa
From 0 to ± 1000 mmH₂O



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

MP120

From 0 to ± 1000 Pa

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



MP105/112

From 0 to $\pm 500/\pm 2000$ mbar



MP115

For atmospheric pressure

From 700 to 1100 mbar



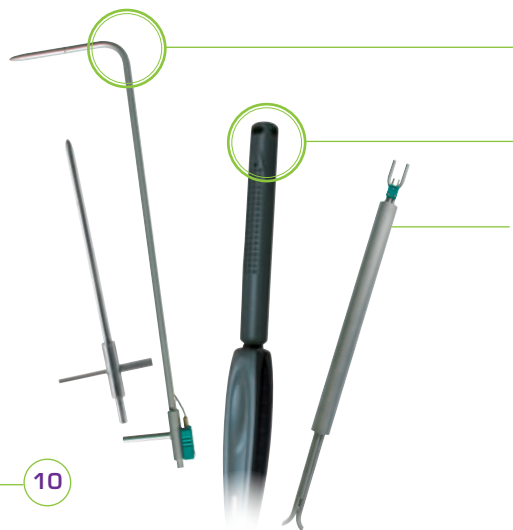
NEW



Class 100 & 200 accessories

Probes

Pitot Tubes, Thermocouple, CO/temp.



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

<i>Interchangeable PRESSURE Modules</i>	0 to ± 500 Pa
	0 to ± 2500 Pa
	0 to $\pm 10\,000$ Pa
	0 to ± 500 mBar
	0 to ± 2000 mBar
<i>Current/voltage module</i>	0 to 2,5 V 0 to 10 V 0 to 4-20 mA
<i>Module with 4 THERMOCOUPLE inputs</i>	K : -200 to +1300°C J : -100 to +750°C T : -200 to +400°C
<i>Thermocouple K, J, T probes</i>	(Measuring range according to model)
<i>CO/Temperature probe</i>	-20 to +80°C 0 to 500 ppm
<i>Pitot Tubes 'L' and 'S'</i>	2 to 100 m/s Diameter : from $\varnothing 3$ to $\varnothing 14$ mm Length : from 100 mm to 3 m
<i>Airflow DEBIMO blades</i>	4 to 100 m/s 0 to 99999 m ³ /h

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 mmHg, 0**
- 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)



Supplied in a transport case



SERVICE



AGRONOMY



WINE MAKING



CO₂, temperature, selection of units, hold, max., min., adjustable automatic shut-off and backlight.



AQ100

CO₂
Temperature

- Fixed probe



Tachometer



Rpm indicator

Contact/Optical

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



● Supplied with ● Optional

Optical probe	From 60 to 60000 rpm
ETC adaptor	From 30 to 20000 rpm

CT1000

CT100C

●	●
●	●

Supplied in a transport case



Supplied with Calibration certificate

CO, CO₂, temperature, Delta T, humidity, selection of units, hold, max., min., audible alarm (2 setpoints),...

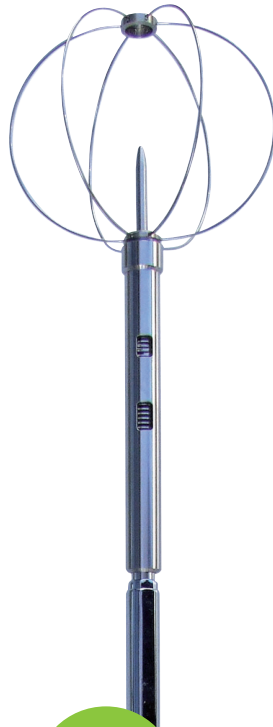
8,000 measuring points.



AQ200

CO/CO₂

Temperature/ Hygrometry
Air pressure



NEW

Omnidirectional probe

Air quality probes

CO/Temperature probe

- From 0 to 500 ppm / From -20 to +80°C

CO₂/Temperature probe

- From 0 to 5000 ppm / From -20 to +80°C

CO₂/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 ● Optional

	AG100	AG200	AG200P	AG200S	AG200-O
<i>Climatic conditions module</i>		●	●	●	●
<i>Current/voltage module</i>		●	●	●	●
<i>Module with 4 THERMOCOUPLE inputs</i>		●	●	●	●
<i>CO/Temperature probe</i>		●	●	●	●
<i>CO₂/Temperature probe</i>	●	●	●	●	●
<i>CO₂/Temp./Hygro probe</i>		●	●	●	●
<i>PT100 temperature probes*</i>		●	●	●	●
<i>PT100 temperature probes-wireless*</i>		●	●	●	●
<i>Thermocouple K, J, T probes*</i>		●	●	●	●
<i>Omnidirectional probe air velocity/temperature/hygrometry</i>		●	●	●	●

*Large choice of temperature probes in option

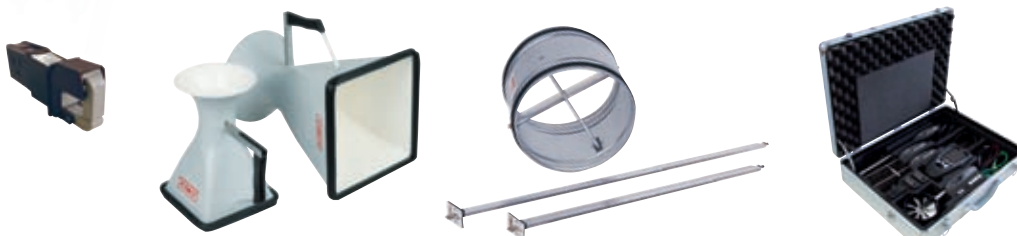
Customize your AMI300 according to your needs.

● Supplied with ● Optional

AMI300
AMI300CLA
AMI300STD
AMI300PRO
AMI300CRF
AMI300SRF
AMI300PRF



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



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
- Evolute and accurate
- Intuitive menu
- Large color display
- Joystick and 5 metal coated keys



Wireless probes

Wireless connection



Temperature



Multifunction probe

- Velocity
- Humidity
- Temperature

Pressure

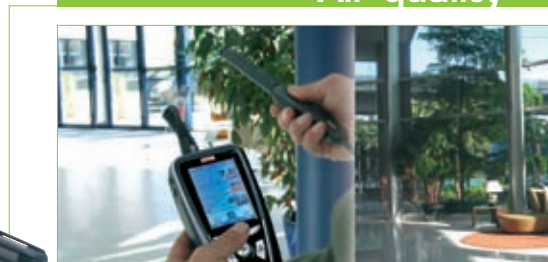


Climatic conditions module

- Humidity
- Temperature
- Air pressure



Air quality



Humidity



Velocity and airflow



Gas detection

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



MP130 Gas network sealing



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



Supplied in
a transport
case

NEW



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 (CH₄), 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



Infrared thermometers

KIRAY 100 - 200 - 300

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

From -50 to +1,850°C



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

- Supplied with
- Optional

Supplied with

Calibration certificate

Transport case



	TK150	TN150	TN151	TR150	HD150
Hygrometry probe					●
Thermocouple K, J, T probes*	●				
NTC probes*		●			
Penetration NTC probes			●		
PT1000 probes*				●	
IP67 Waterproof protective cover	●	●	●	●	●

*Large choice of temperature probes in option

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

NEW

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



Thermo-anemo-manometer functions

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



Accessories



Calibration certificate



Supplied in a transport case

4 other hoods are available as options:

- 720x720 mm
- 720x1320 mm
- 420x1520 mm
- 1020x1020 mm



Pitot Tubes «L type»

- With or without temperature compensation
- Several diameters and lengths available

Datalogger - 10

Software for data recording and processing.



Data processing software



DATALOGGER-10

Configure

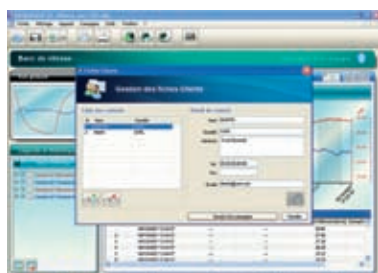
Plan

Data process

Operate

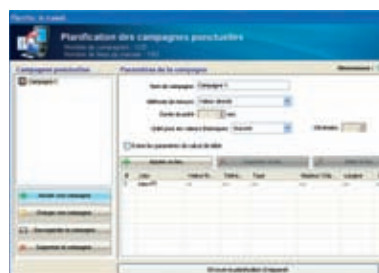
Instruments configuration

Configure your clients, sites and vent types.



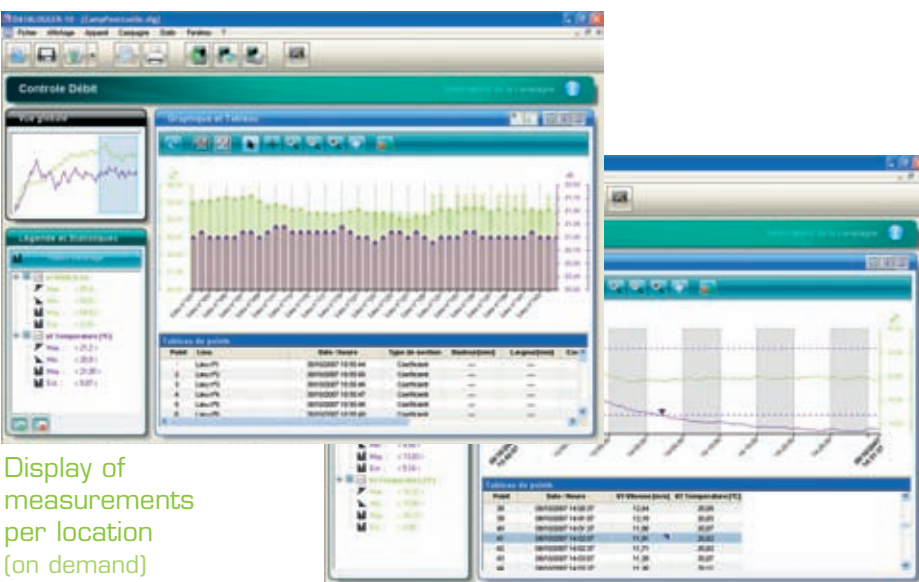
Intervention planning

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 theoretical values and/or tolerances
- Insert legends and statistics
- Add math functions

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



Standards

As per following standards:
NF EN 61672-1 / NF EN 60651 / NF EN 60804



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 continuous 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



**Supplied with
Calibration
certificate**



Supplied in a
transport case



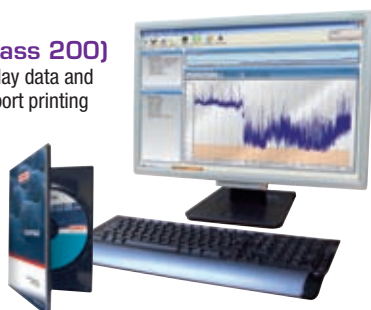
DB100

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



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

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

NEW



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

- Only one dynamic range extended from 100 dB : 40-140 dB
- Conventional 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 – L_Xeq - 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

NEW



Class 200 & 300 accessories



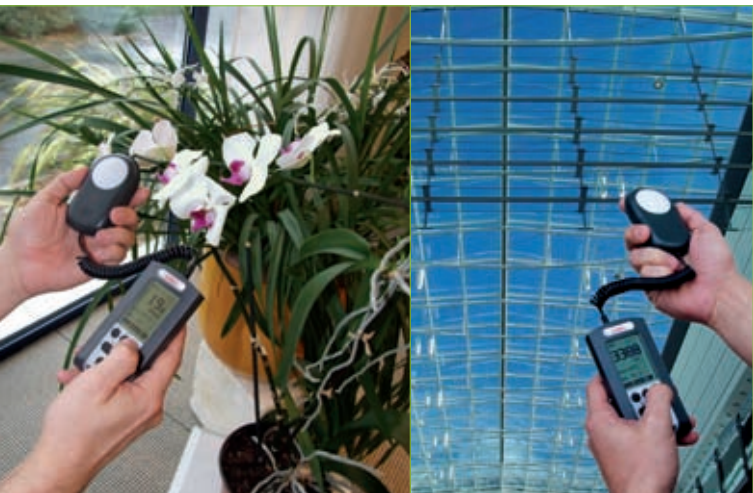
D-MB
microphone direct



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.

Standards

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



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

LX100

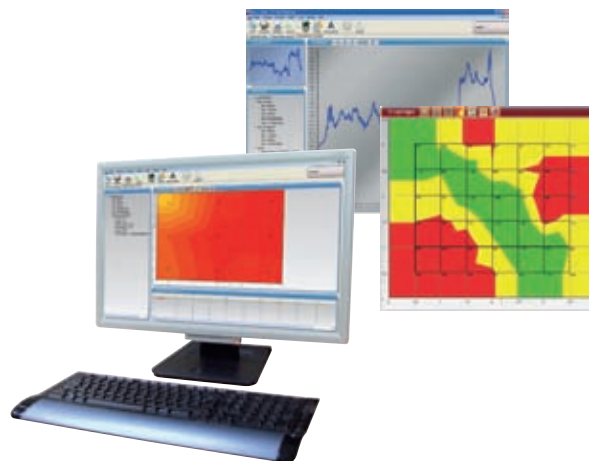
- From 0.1 to 150 000 lux
- From 0.01 to 13 940 fc
- Instantaneous measurement
- Timed measurement
- Relative illuminance function
- Hold function



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



W/m², Wh/m²,
selection of units, hold, max., min.,
adjustable automatic shut-off and backlight.



SL100

- From 1 W/m² to 1300 W/m²
- From 1 Wh/m² to 500 Wh/m²
- Measurement and spot check of solar power



SL200

Solarimeter / Pyranometer

- From 1 W/m² to 1300 W/m²
- From 1 Wh/m² to 500 Wh/m²
- Measurement and spot check of solar irrigation (instantaneous, average, time-recording)
- Calculation of energetic exposure in Wh/m²
- 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

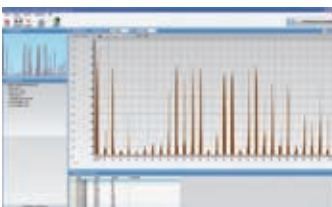


Supplied with Calibration certificate



Supplied in a transport case

Class 100 & 200 accessories



LSL200 (class 200)

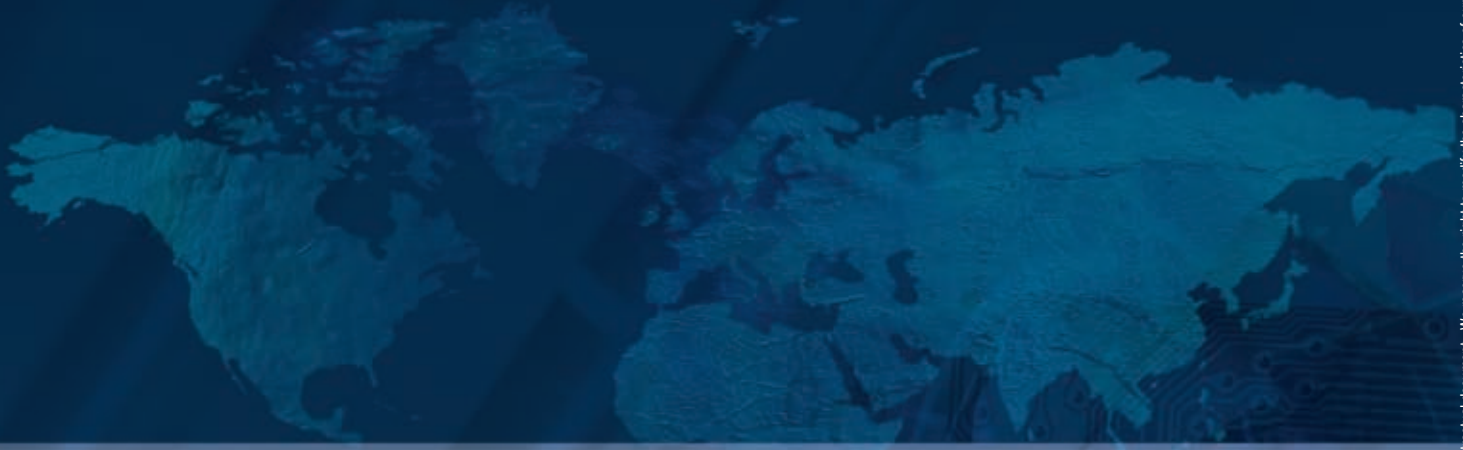
LSL 200 is a configuration, recovery and data processing software of stored data in the instrument.



Fixing kit
For solar panels

Tripod
For SL100 and SL200





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