

INDOOR AIR QUALITY

# HVAC Portable

## Instruments



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**Sedulitas**

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info@sedulitas.co.za +27 (0)82 551 4001  
www.sedulitas.co.za

Temperature / Humidity / Pressure / Air velocity / Airflow  
Air quality / Gas detection / Light / Tachometry

### Class 50, 110, 210 & 310

The range of portable devices is ideal for technicians responsible for maintaining heating, ventilation, and cooling installations.

- Wireless and Smart+ probes
- Graphical wide screen
- Data recording
- Ergonomic design




**Graphical display**



**Magnetic protective cover**



**IP54 housing**



**Interchangeable probes & modules**

### Datalogger

Configure / Measure / Data processing

- Configuration of instruments
- Instruments management
- Reports creation
- Customized channels
- Insert commands
- Insert legends and statistics
- Add mathematical functions





## The + of class 210 & 310

### Designed for the field

An overmoulding made of elastomere protects the instrument, guarantees shockproofing.

### Nonstop measurements

This new generation of instruments has an interchangeable and rechargeable Li-ion battery.

### Expandable memory (AMI 310)

Internal memory of 1,000 datasets of 20,000 measuring points. Built-in location for a micro-SD memory card.

### Interchangeable probes

The new probes utilise a mini-Din connecting cable which is compatible with all probes.

### Interchangeable modules

1. Climatic conditions
2. Thermocouple (4 channels)
3. Pressure
4. U Coefficient



### Air quality

CO 50/110  
AQ 110/HQ 210

- CO: 0 to 500 ppm
- CO<sub>2</sub>: 0 to 5,000 ppm
- -40 to +180°C
- 3 to 98 %RH
- 0 to 5 m/s



### Manometers

MP 50/51/55/110/111  
112/115/120/130/210

- Differential pressure
- ±500 Pa to ±2,000 mbar
- Air velocity with Pitot tube
- 2 to 100 m/s
- Atmospheric pressure
- 800 to 1,100 hPa



### Anemometers

LV 50/110/111/117/130  
VT 50/110/115/210

- Hotwire and telescopic hotwire
- 0.15 to 30 m/s
- Vane probes: Ø14, 70, 100 mm
- 0.3 to 35 m/s
- Airflow: 0 to 99,999 m<sup>3</sup>/h



## Class 50, 110 & 210



### Hygrometers

HD 50/110 HQ 210

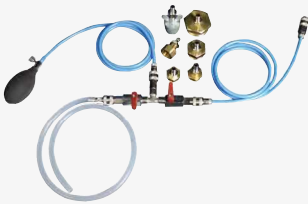
- 3 to 98 %RH
- -40 to +180°C
- -50 to +80°Ctd
- CO: 0 to 500 ppm
- CO<sub>2</sub>: 0 to 5,000 ppm

### Tachometers

CT 50/110

- Optical: 60 to 60,000 rpm
- Contact: 30 to 20,000 rpm

### Accessories



Gas network pack



ABS transport case



Saturated salt solutions



Measuring cones



Debimo blades



Protective housing



Adjustable wedge for telescopic vane and hotwire probes

Pitot tubes

# Multi-function

## Class 310

### AMI 310

AMI 310 is a multi-probe instrument which can measure up to 6 parameters simultaneously.

- $\pm 500$  Pa /  $\pm 2,500$  Pa /  $\pm 10,000$  Pa
- $\pm 500$  mbar /  $\pm 2,000$  mbar
- Thermocouple:  $-200$  to  $+1,760^\circ\text{C}$
- Pt 100:  $-200$  to  $+600^\circ\text{C}$
- Humidity: 3 to 98 %HR
- CO: 0 to 500 ppm
- CO<sub>2</sub>: 0 to 5,000 ppm
- Air velocity:  $-5$  to  $35$  m/s
- Airflow: 0 to 99,999 m<sup>3</sup>/h
- Gas detection: 0 to 10,000 ppm
- Tachometry: 30 to 60,000 rpm



Wireless probes



Data processing software



Graphical display



Interchangeable probes & modules



Micro-SD card



Colour wide screen

