SwemaAir 5 – Anemometer
Range: 12...30 m/s, 2350...5900 fpm

• **Air velocity**
• **Air flow**
• **Temperature**
• **Barometer**
• **Large display**
• **Easy to use keypad**
• **Memory**

SwemaAir 5
Art.No. 768480

SwemaAir 5 is an anemometer for air velocity, air flow and temperature. The instrument has an built-in barometer. Together with the temperature sensor SwemaAir 5 compensates for the air density.

Air velocity is measured in m/s or fpm and air flow in l/s, m3/h or CFM. The area is entered into the instrument as a diameter, height x width or area. Max, min and average value is shown on the display. The instrument has a large display with backlight and can store hundreds of measurements.

The instrument suites a wide range of applications, such as air flow measurements in ducts and over grilles, checking air leakage at windows and measuring air velocity in fume cupboards.

Accessories:

To be able to see air flow pattern and air leakage. Smokes after lighted with match or lighter. Stops after cover is put on. The smoke pen includes 6 smoke rods.

Smoke Pen
Art.No. 570132

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Accessories:

Case for easy transportation and protection for Swema 3000, SwemaAir 40/5, SwemaMan 60/7/8, SwemaTemp 20 and sensors.
Weight: 650 g
Size: 330 x 75 x 260 mm

Small Carrying Case
Art.No. 767190

Instrument holder for Swema 3000.
For SwemaMan, SwemaAir, SwemaTemp 20. The holder has to be fitted at Swema.

Instrument Holder
Art.No. 767520

RS-232 cable connects SwemaMan 60/80 and SwemaAir 40/50 to PC to transfer actual measurement value to PC. From SwemaMan 80 and SwemaAir 50 it is also possible to tranfer saved measurements.
Use the PC-program SwemaTerminal.

PC-cable SwemaAir and SwemaMan
Art.nr: 763040

SwemaTERMINAL 3 SOFTWARE (FREE)

SwemaTerminal 3 is a free software Windows for SwemaFlow 235, 236, 125D, 126, 4000, SwemaMan 7/8, SwemaAir 5, Swema 03, 03+ and Swema 05. With SwemaTerminal 3 you can do online measurement and logging, print calibration certificate, change settings, upgrade firmware and show graphs and statistics.
Downloadable from SWEMA website.

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Technical Data:

Air Velocity: 0,1... 12 m/s, 19...2350 fpm
                    12...30 m/s, 2350...5900 (optional)
Temperature: -20...80°C, -4...176°F
Barometer: 600...1200 hPa

Measuring Principle: Mass flow, net of hot wires

Measurement Uncertainty:

Air flow: ±3%, min ±0.04 m/s, min ±8 fpm (at 23 °C)
                    ±5%, min ±0.05 m/s, min ±10 fpm (at 10…30 °C)
Temperature: ±0.3 °C, ±5 °F (at 23 °C)
                    ±1 °C, ±1.8 °F (at -20…80 °C)
Barometer: ±3.5 hPa, ±0.1 inHg

At 95% coverage probability in non condensing, non moist air, <80%RH, non aggressive gases.

Measurements corrections based in the calibration protocol are not needed to obtain the above stated uncertainty.

Specifications:

Resolution: 0.01 m/s, 0.1 °C, 1hPa
Units: l/s, m3/h, cfm
Operating Conditions: non condensing, non moist air,
                           <80%RH, non aggressive gases.

Instrument Size: 180x82x36mm, 195x93x36mm including probe
Instrument Weight: 500g
Battery: 2 AA-battery or rechargeable battery
Output: USB to PC, output of online measurement or stored data
Probe Length: 66cm including 1…2m spiral cable.

Supplied With: SwemaAir 5, RS232 to USB convertor, Manual & Calibration Certificate.