

SwemaAir 5, 40

SwemaAir 5 and 40 are accurate anemometers for air movements measurements, such as checking of ventilation, searching for building and duct leakage spots and checking clean rooms and laminar air flow cabinets.

SwemaAir 5, 40:

- Air velocity: m/s, fpm and temperature: °C, °F
- Online PC connection (RS232 on 40)
- Protective aluminium casing and rubber ends.

SwemaAir 5:

- Air flow in l/s, m³/h or CFM. Area for duct and grill multiple points measurements.
- Average, max and min
- Actual or standard (1013hPa, 20 °C) velocity / flow
- Memory for USB transfer to PC
- Automatic duct factor, k_2 , compensation.
- Barometer - air density compensation.
- In-built connector for temperature probe
- Display light.



Part no.	SwemaAir 5, certificate, USB-cable
768.480	SwemaAir 40, certificate
763.000	Option 12...30 m/s, calibration 20, 30 m/s
763.010	Case for SwemaAir 5 or 40
767.190	220V adapter
763.050	PC cable to SwemaAir 40 (RS232)
763.040	Adapter, USB to PC cable
583.225	

Technical data:

Measuring range:

Air velocity 0,1...12 m/s (12...30 m/s option)
 Temperature: -20...+80 °C
 Barometer: 600...1200 hPa (SwemaAir 5 only)

Measurement uncertainty:

At 23 °C: ±0,04 m/s at 0,1...1,33 m/s
 ±3 % read value at 1,33...30 m/s
 At 10...30 °C (12...30m/s at 23...45 °C):
 ±0,05 m/s at 0,1...1 m/s
 ±5% read value at 1...30 m/s
 At 23 °C: ±0,3 °C, at -20...+80 °C: ±1,0 °C
 ±2,5 hPa
 Units: m/s, fpm, °C or °F.
 Extra units SwemaAir 5: l/s, m³/h, CFM, hPa

Time constants: 0.25, 0.5, 2, 8/10 seconds
 PC output: USB / RS232 on SwemaAir 40
 2xAA / standard / rechargeable



SwemaMan 8, 7, 60

SwemaMan 8, 7 and 60 are suitable for accurate differential measurements, such as ventilation balancing, checking and research.

SwemaMan 8, 7, 60:

- Differential pressure and air velocity: Pa, m/s, fpm
- Online PC connection (RS232 on 60)

SwemaMan 8, 7:

- Air flow - Area - multiple points
- Average, max, min
- K-factor flow
- l/s, m³/h or CFM.
- Actual or standard velocity / flow
- Display light
- Memory for USB transfer to PC
- Automatic duct factor, k_2 , compensation.
- Selectable temperature and barometric pressure



SwemaMan 8 :

- Automatic zeroing by in-built valve
- In-built barometer
- Select flow and K-factor is suggested.
- In-built connector for temperature probe
- Connector for SwemaTwin reference. p.

Part no.	SwemaMan 8, certificate, USB-cable
768.300	SwemaMan 7, certificate, USB-cable
763.362	SwemaMan 60, certificate
763.350	Case for SwemaMan 8, 7 or 60
767.190	220V adapter for SwemaMan 60
763.050	PC cable to SwemaMan 60
763.040	PC cable converter to USB
583.225	



Technical data: rv=read value

Measuring range:

SwemaMan 8: -100...1500 Pa, (2-49 m/s, 400...9.800 fpm)
 Barometer: 600...1200 hPa (±3,5 hPa)
 Temperature: 0...50 °C (±0,5 °C)

SwemaMan 7: -1000...9999 Pa, (2-129 m/s, 400...25.400 fpm)

SwemaMan 60: -300...5000 Pa, (2-91 m/s, 400...17.900 fpm)

Measurement uncertainty:

at 23 °C:
 SwemaMan 8: ±0,3 % rv, min.±0,4 Pa
 SwemaMan 7: ±1 % rv, min.±1,5 Pa
 SwemaMan 60: ±1 % rv, min ±1,5Pa

Units: Pa, m/s
 Extra units SwemaMan 7/8: l/s, m³/h, CFM
 Extra units SwemaMan 8: °C, hPa

Resolution 0,1 Pa up to 999,9 Pa

Time constants: 0.25, 0.5, 2, 8/10 seconds
 PC output: SwemaMan 7/8: USB
 SwemaMan 60: RS232
 Memory: SwemaMan 7/8: 999 measurements

2xAA Alkaline battery life: 75 hours