

AIR VELOCITY

BlueAir-STx

Picture shows original size



- + Clearly structured measurement programs, simultaneous display of 4 measured values
- + Measurement of current value
- + Automatic probe detection when probe is connected
- + Range of high-performance probes for accurate measurements in daily use
- + Evaluation function displays minimum, maximum and mean values
- + Calculation of air volume after you have entered the channel cross section
- + Large TFT colour display (W x H: 45 x 60 mm)
- + Fully automatic device check, manual and automatic zero calibration during program start

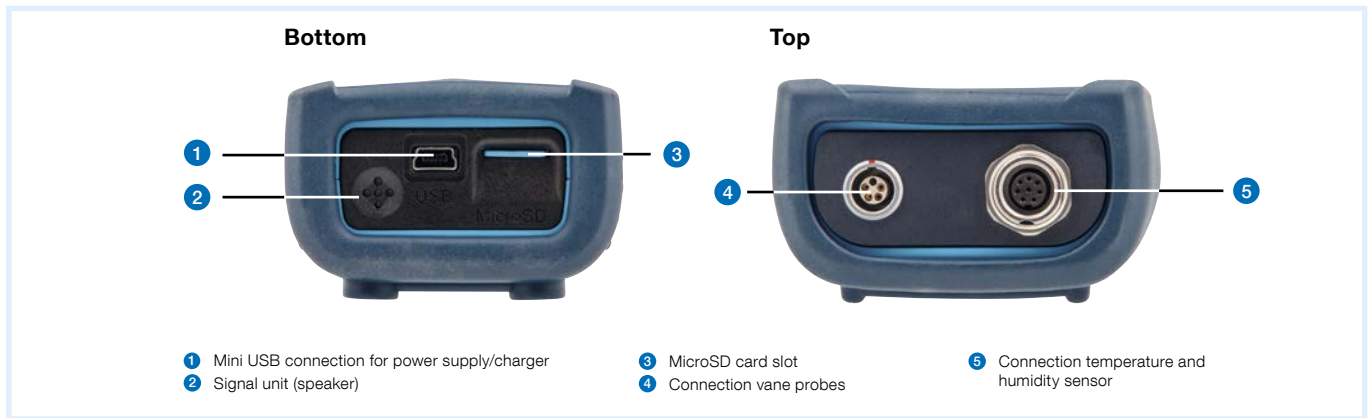
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EuroSoft
mobile app



Application Modular, multi-channel instrument for, flow rate, temperature and humidity. Ideal for checking and setting the air velocity of ventilation and air conditioning systems and fans and for measurements in ventilation and exhaust ducts.





Technical specifications probe range	Vane probe BlueAir-STx Junior Micro	Vane probe BlueAir-STx Junior Mini	Vane probe BlueAir-STx Junior Macro	Temperature and humidity sensor TFS-BA/BlueAir-STx
Air velocity (nom.)	0.6 to 20 m/s	0.4 to 20 m/s	0.2 to 20 m/s	-
Air velocity (max.)	0.7 to 40 m/s	0.5 to 40 m/s	0.3 to 40 m/s	-
Humidity	-	-	-	10 to 90 % r.h.
Temperature	-	-	-	-20 / +80 °C
Resolution	0.01 m/s	0.01 m/s	0.01 m/s	Humidity: 0.1 % r.h. Temperature: 0.1 °C
Accuracy	± 2.0 % fs ± 5.0 % rdg	± 1.0 % fs ± 3.0 % rdg	± 1.0 % fs ± 3.0 % rdg	Humidity: ± 2.3 % r.h. at 10 to 90 % r.h. Temperature: ± 0.8 °C at 0 / 40 °C
Reproducibility	-	-	-	Humidity: ± 0.2% r.h. Temperature: ± 0.2 °C
Operating temperature range medium	-20 / +140 °C	-20 / +140 °C	-20 / +140 °C	-40 / +80 °C
Sensor size	Ø 11 x 15 mm	Ø 22 x 28 mm	Ø 85 x 80 mm	Ø 15 x 48 mm
Probe length	165 mm	175 mm	235 mm	30 mm
Cable length	1.5 m	1.5 m	1.5 m	-

Technical specifications

Operating temperature range

Operation: 0 / 40 °C

Storage: -20 / +50 °C

Dimensions

W x H x D: 66 x 143 x 37 mm,
with protective sleeve

Weight

Approx. 220 g

Degree of protection

IP 40

Display

TFT colour display: 2.8", W x H: 45 x 60 mm

Resolution: 240 x 320 pixels

Supply voltage

Lithium-ion battery (3.6 V/1,800 mAh)

Hours of operation

Up to 20 hours in normal mode

Up to 30 hours in auto mode

Up to 40 hours in eco mode

Data memory

1–999 seconds, interval freely selectable

Data logger

microSD card

Interfaces

Infrared, Bluetooth® Smart, QR code generator,
microSD card slot

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See chapter 7 for options and accessories.

BlueAir-STx Sets

DG: H, PG: 4

	BlueAir-STx, power supply unit NTE 5, USB-A socket, MicroSD card with USB card reader	Case BlueAir-STx	Vane probe Junior Micro	Vane probe Junior Mini	Vane probe Junior Macro	Part no.	Price €
BlueAir-STx measuring instrument	•					560013	
BlueAir-STx set 1	•	•	•			560014	
BlueAir-STx set 2	•	•		•		560015	
BlueAir-STx set 3	•	•			•	560016	