

Also available in Eex-Version



## Digital vane anemometer

# MiniAir Junior

The universal MiniAirJunior measures the velocity of gaseous media. Accuracy and reliability are of the high standard expected from Schiltknecht Messtechnik AG.

all probes interchangeable



Micro Snap head



Mini Snap head



Macro Snap head

### Types:

- MiniAir Junior Indication Unit
- MiniAir Junior Probe Micro 20 m/s
- MiniAir Junior Probe Micro 40 m/s
- MiniAir Junior Probe Mini 20 m/s
- MiniAir Junior Probe Mini 40 m/s
- MiniAir Junior Probe Macro 20 m/s
- MiniAir Junior Probe Macro 40 m/s

SCS 046



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Schweizerischer Kalibrierdienst  
Service suisse d'étalonnage  
Servizio Svizzero di taratura  
Swiss Calibration Service

The vane anemometer MiniAir Junior is suitable for measuring the velocity of gaseous media. The measured velocity with a vane anemometer is considered the most accurate of the available methods. Vane speed and velocity are practically linear and largely independent of pressure, temperature, density and humidity.

The MiniAir Junior is especially well suited to measurements in the heating, air conditioning and ventilation sector.

# MiniAir Junior

## Digital vane anemometer

The following practice-related features guarantee rational and reliable measurement:

- Instantaneous value measurement
- 2 average value measuring time selectable:  
**Fast = 6 sec. Slow = 22 sec.**
- Average, minimum and maximum values continuously callable.

<b>Readout unit:</b>	
<b>Measuring media</b>	non-corrosive gases
<b>Unit of measuring</b>	<b>Flow:</b> m/s
<b>Display</b>	LCD 4 characters
<b>Measuring rate</b>	2 values / sec.
<b>Supply</b>	Battery (1 x 9 volt)
<b>Battery</b>	Leclanché LR22-9 V
<b>Current consumption</b>	approx. 15 mA
<b>Battery life</b>	approx. 12 hours
<b>Case dimensions</b>	80 x 145 x 39 mm
<b>Case protection type</b>	IP 40 (ABS plastic)
<b>Weight</b>	230 g
<b>Operating temp.</b>	0 to 50°C
<b>Storage temperature</b>	- 30 to 80°C
<b>Air humidity</b>	0 to 90% rh, non-condensing
<b>Working standard</b>	Laser controlled wind tunnel (cert. in accord. with SN EN 45001)

Air probe:	MiniAir Junior Micro	MiniAir Junior Mini	MiniAir Junior Macro
<b>Flow probe 20 m/s</b>	0.5 - 20 m/s	0.3 - 20 m/s	0.15 - 20 m/s
<b>Flow probe 40 m/s</b>	0.7 - 40 m/s	0.5 - 40 m/s	0.3 - 40 m/s
<b>Accuracy of the Flow:</b>	2.0% fs, 5.0% rdg	1.0% fs, 3.0% rdg	1.0% fs, 3.0% rdg
<b>Operating temp.</b>	0 to +120°C	0 to +120°C	0 to +120°C
<b>Head dim.</b>	Ø 11 x 15 mm	Ø 22 x 28 mm	Ø 85 x 80 mm
<b>Access opening</b>	16 mm	35 mm	
<b>Probe length</b>	165 mm	175 mm	225 mm
<b>Cable length</b>	1.5 m	1.5 m	1.5 m
<b>Storage temperature</b>	-65 to +150°C	-65 to +150°C	-65 to +150°C

Snap Head replacement by orig. size and range of given probe.

Specifications subject to change without notice.