

Schiltknecht

swiss precision

MiniAir Junior

Digital vane anemometer

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



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



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

SCS 046



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.

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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.

Readout unit:	
Measuring media	non-corrosive gases
Unit of measuring	Flow: m/s
Display	LCD 4 characters
Measuring rate	2 values / sec.
Supply	Battery (1 x 9 volt)
Battery	Leclanché LR22-9 V
Current consumption	approx. 15 mA
Battery life	approx. 12 hours
Case dimensions	80 x 145 x 39 mm
Case protection type	IP 40 (ABS plastic)
Weight	230 g
Operating temp.	0 to 50°C
Storage temperature	- 30 to 80°C
Air humidity	0 to 90% rh, non-condensing
Working standard	Laser controlled wind tunnel (certified according to ISO 17025)

Air probe:	MiniAir Junior Micro	MiniAir Junior Mini	MiniAir Junior Macro
Measuring range Flow	0.6 - 20 m/s 0.7 - 40 m/s	0.4 - 20 m/s 0.5 - 40 m/s	0.3 - 20 m/s 0.4 - 40 m/s
Accuracy of the Flow:	± 2.0% fs, ± 5.0% rdg	± 1.0% fs, ± 3.0% rdg	± 1.0% fs, ± 3.0% rdg
Operating temp.	- 30 to + 140°C	- 30 to + 140°C	- 30 to + 140°C
Head dim.	Ø 11 x 15 mm	Ø 22 x 28 mm	Ø 85 x 80 mm
Access opening	16 mm	35 mm	
Probe length	165 mm	175 mm	225 mm
Cable length	1.5 m	1.5 m	1.5 m
Storage temperature	-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.

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Schiltknecht Messtechnik AG **Strömung, Feindruck, Meteo**
Industriestrasse 13, CH-8625 Gossau ZH
Phone +41(0)43 833 77 10, Fax +41(0)43 833 77 11
<http://www.schiltknecht.com>
email: sales@schiltknecht.com

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