

Omniprobe



Details

The 14-hole omnidirectional probe from Vectoflow allows the measurement of flow angles up to 160°. This probe is especially made for measurement tasks where the angle of attack is unknown, or even reverse flow is expected. Like all probes from Vectoflow, the 14-hole probe is also made by additive manufacturing, giving a high geometrical flexibility and a very high robustness at the same time.

Specifications

Geometry	Straight, L-Shaped
Number of holes	14
Min. tip diameter	> 5 mm (10 mm standard)
Material	Stainless steel, titanium, Inconel
Fastening	Square, hexagonal, one-sided flatened cylinder or custom
Connections	Standard 1 mm pressure tubes
Reference	Reference surface normal to Z axis
Temperature range	up to 600°C
Angular range	± 160°
Velocity range	3 m/s to Mach 0.95
Velocity accuracy	< ± 1 m/s

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