

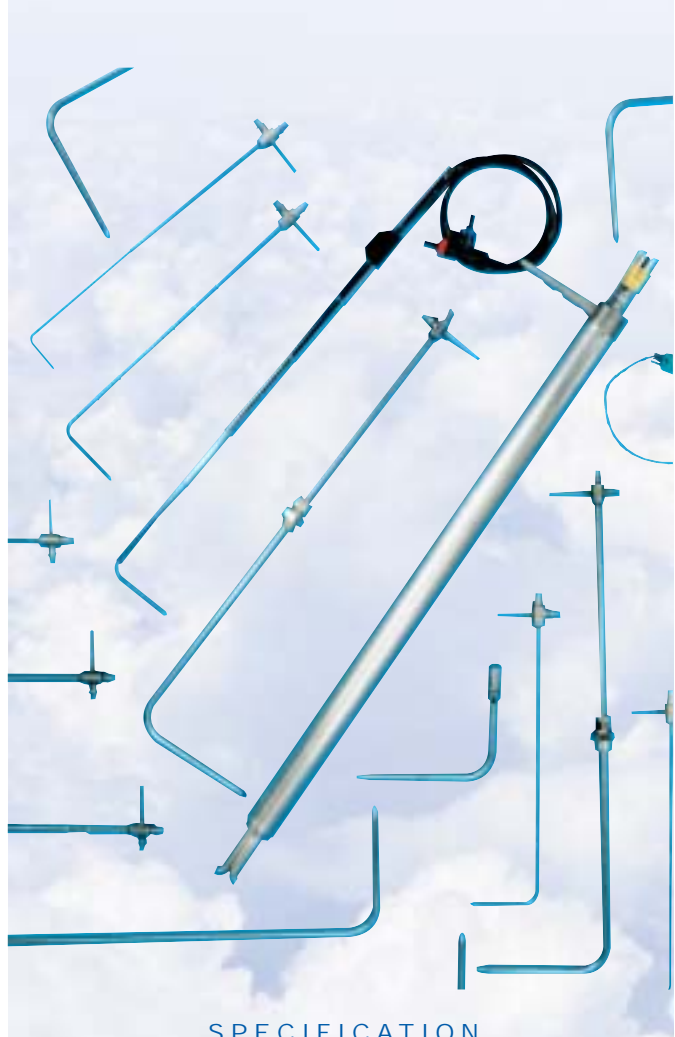
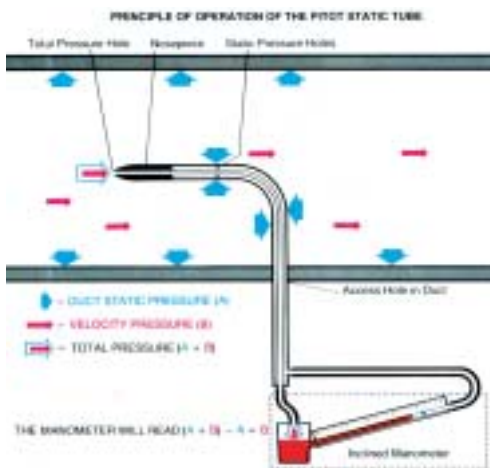
Pitot static tubes

A comprehensive range of pitot static tubes giving an amazing choice of telescopic, fixed length and jointed tubes to suit virtually any application. Also available are 'S' type pitots for restricted access and hostile environments. Pitots with adjustable mounting glands are available for permanent installation. Thermo-pitot static tubes with integral thermocouple sensors also allow combined in-line pressure and temperature measurement.

Constructed from high grade stainless steel to BS 3605-321.S18, fixed length pitots are durable and tolerate aggressive conditions. For use in airstream temperatures up to 680°C and for short periods up to 800°C.

Suitable for sensing in heating, ventilation and air conditioning equipment including commissioning and troubleshooting. Compatible for use with electronic and fluid filled manometers and pressure transmitters.

- Modified Ellipsoidal nose conforms to BS1042 section 2.1
- Excellent accuracy, K factor 0.997
- Totally compatible with manometers, pressure gauges and pressure transmitters
- Excellent yaw and pitch characteristics
- Spring clip markers for insertion
- Direction pointer to ensure correct alignment
- Ideal for measurement of velocity in hostile environments
- COSHH assessment and environmental testing
- S type for limited access and adverse conditions
- Optional gland fitting for fixed installations
- Integral 'K type' thermocouple for combined pressure and temperature sensing
- Miniature 2.3mm tube diameter available
- Wide range of specials available to order



SPECIFICATION

Telescopic pitot static tube

Min overall length (compressed)	200 mm
Max overall length (extended)	980 mm
Max tube dia.	13 mm
Overall head length	64 mm
Head dia.	4 mm
Max. working temp.	100°C
Standard accessories	Case with clip air velocity slide rule

Thermo pitot static tube

(Overall Length)	0.3 m (12")	0.48 m (19")	1.0 m (39.5")
Tube dia	4 mm	8 mm	8 mm
Head length	64 mm	130 mm	130 mm
Working temp.	0 to 550°C	0 to 550°C	0 to 550°C
Temp accuracy	±2.5°C	±2.5°C	±2.5°C

Pitot static tube

Overall Length	0.30*	0.30*	0.48*	0.80*	1.00*	1.22*	1.52*	1.83*	2.13	2.44	2.74
Tube dia mm	4	4	8	8	8	9.5	9.5	12.77	19.05	19.05	19.05
Head dia mm	2.3	4	8	8	8	9.5	9.5	9.5	9.5	9.5	9.5
Overall head length mm	37.2	64	130	130	130	156	156	156	156	156	156
Max working temp	680°C (800°C for short periods)										

* Available to order with adjustable mounting gland

Jointed pitot tubes

Overall Length	3.04 m	3.35 m	3.66 m	3.96m	4.27 m
Tube dia	31.7 mm	31.7 mm	31.7 mm	31.7 mm	31.7 mm
Head dia	9.5 mm	9.5 mm	9.5 mm	9.5 mm	9.5 mm
Overall head length	156 mm	156 mm	156 mm	156 mm	156 mm

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Airflow Developments Limited reserve the right, in the interests of continuous development, to alter specifications without prior notice. All orders are accepted subject to our conditions of sale which are available on request.



CERTIFICATE 152
 BS5750 ISO9001 EN29001