

PITOT TUBES

Dynamic pressure



Simple and flexible...

are the crucial dimensions adjusted to any particular application. Over short distances, rapidly changing pressures are recorded without delay. Application in rough conditions benefits from material and robustness. Recalibration is not required.

- fail-safe, easy handling
- employment irrespective to location
- high accuracy in evaluating pressure, velocity and amount of flow
- inflexible parts, no wear, robust
- nickel-plated, non-corrosive metals

wind tunnel • research • aerodynamic inspections • heating/ air conditioning/ ventilation • chimneys

Scientific Line

Measuring elements:

Measuring ranges:
Range of application:

Varieties:

00.06280.025 000
00.06300.025 000
00.06300.050 000
00.06300.075 000
00.06310.100 000

Accessories:

00.06286.000 000
00.06306.000 000
00.06316.000 000

Series (628..630) Pitot Tubes according to Prandtl

length and diameter of pitot tube • 2 ports for static and dynamic pressure
• pressure of gas
depending on used differential pressure manometer
temperatures up to 300°C • connecting hoses to indicators recommended:
rubber up to 60°C • silicon-caoutchouc up to 200°C (not included in delivery)

orifice Ø [mm]	outside Ø [mm]	length [mm]	weight [g]
(628) 1	3	250	20
(630) 3	10	250	200
(630 a) 3	10	500	250
(630 b) 3	10	750	300
(631 c) 5	17	1000	700

at the fixed mounting* of the pitot tubes:

(628 G) **Screw Necks** for the pitot tube (628)
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(631 G) **Screw Necks** for the pitot tube (631)

* With deep immersion depth and very high flow rates pitot tubes must be supported additionally.

