

FLOW METER

Laminar air flow



An air current...

passes Prandtl's hooked pitot tube (nickel-plated brass). The calibrated dam-shutter-meter is especially adapted to the pitot tube. It reacts very quickly, reliably, and accurately. Momentary values are easily and directly read off the lighted analogous scale. The probe is portable and can also be used in the dark. Application is irrespective to location.

- secure and approved physical measuring principle
 - 4 adjustable measuring ranges warrant a large overall measuring range
 - nickel-plated, non-corrosive metals
 - convenient handle with enclosed battery for scale lighting
 - analogous round scale for good reading
- wind tunnel ● ventilation and air conditioning technology

Professional Line

Measuring element:
Measuring ranges:

Accuracy:
Range of application:

Varieties:

00.06400.041 000 (640 E410)
00.06400.071 000 (640 E710)

Series (640) Flow Meters

baffle plate measuring system ● laminar air flow
4 scales ● total range 0.2...50 m/s

meas. ranges [m/s]	division of scales [m/s]
0.7...7.0	0.2
1.0...10.0	0.5
1.0...18.0	1.0
2.0...50.0	2.0

± 2% FS
temperature -30... +120°C short-time ● -30...+80°C long-time operation
over-/ low pressure max. ± 100 mbar

dimensions	weight	carrying case
L 400 mm · Ø 10 mm	1 kg	680 x 165 x 110 mm · 2.6 kg
L 700 mm · Ø 10 mm	1.1 kg	980 x 165 x 110 mm · 3.1 kg

