

V100 Suspension Flow Meter For Encapsulator VAR J1



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The V100 is a classic suspension flow meter for gases and liquids. It has been continuously developed in active co-operation with users to an x-time proved and reliable measuring device. Please note in particular the multiple variations, the vigorous construction and the wide range of options available.

Construction features

- Solid construction of special selected materials
- Guaranteed stability of floating bodies
- Measuring range 10:1 standard
- Burned in scales with contrast background
- Simple replacing of measuring glass
- Precision regulation valve tuned to measuring range
- Bar for the fixation on a laboratory support

Technical Data

Scale range	10:1
Accuracy in % of end value	±2%
Length of glass gauge	140 mm
Length of scale	120 mm
Floating body	spherical shape
Pressure resistance	16 bar
Maximum temperature	100 °C
Maximum pressure loss	30 mbar
G1/4" with hose nipple inlet/outlet	4 mm
Flow rate	0-8 NI/min at 0.5 barg



Precision Regulating Valve

The patented precision regulating valve has been developed for regulation of small flowing rates of gases and liquids.

This valve allows an extremely accurate adjustment and a continuous flow of media. The gliding needle with conical grinding is moving in a nozzle bore and with the spiral rotation changing the opening diameter linear. The choke cross section of a particular spiral position is reproducible; the hysteresis of the opening characteristic curve is eliminated by means of a spring.

The Flow Meter is available in two different materials:

- Nisco article N° PE-00655 stainless steel
- Nisco article N° A-00720 aluminium