

# 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