

VPFlowScope® ΔP

For flow measurement directly downstream the compressor

Mass flow, pressure, temperature -

Display with keypad -

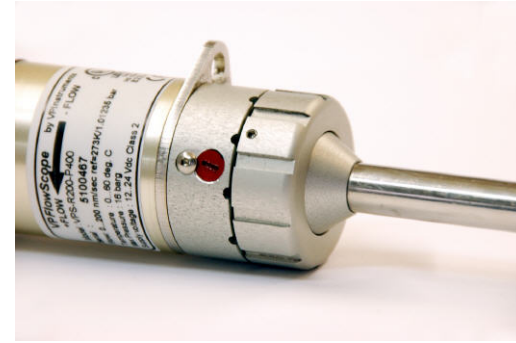
Built-in data logger -



- > *Extreme resistance to pollution and water*
- > *Measurement directly downstream in the discharge pipe of the compressor*
- > *Complete solution, easy to use*

Applications:

- > Compressor efficiency monitoring.
- > Near ISO 1217 compliant field testing of compressors.
- > High temperature and saturated air applications.



Benefits:

- > All-in-one: The VPFlowScope ΔP measures mass flow, pressure and temperature simultaneously, making extra sensors and cables redundant.
- > Self-Service. Take apart the sensor and clean it your self.
- > Proprietary design and repellent layer, make the VPFlowScope ΔP resistant to dirt and water drops.
- > Easy to install: Just mount the VPFlowScope ΔP in the pipe, enter the pipe diameter and you can start measuring immediately.
- > Compatible with the VPFlowScope product family.
- > Versatile: for various pipe sizes (2" and up).

Specifications:

flow range	:	20..200m _n /sec*
rangeability	:	1:10
pressure range	:	0..10 bar abs
temperature(sensor head)	:	-40..+150 degC. Ice should be avoided!
humidity range	:	100% condensing, mounted vertically
accuracy	:	<2% reading over 1:10 range
outputs	:	4..20mA, RS485
probe length	:	400 mm
probe diameter	:	12.7 mm (0,5")
installation diameter	:	50...300 mm
mounting	:	0.5 inch compression fitting
gases	:	Compressed air, N2, other gases on request
data logger	:	500.000 points

* Calibrated 20..150m_n/sec



VPFlowScope®

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VP INSTRUMENTS

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