VPFlowTerminal

The VPFlowTerminal is a plug & play wall mount display with built-in power supply and 2 million point data logger. The VPFlowTerminal has five sensor inputs: one input for a VPFlowScope mass flow meter, and four generic analog inputs and can record up to 8 channels. This makes the collection and analysis of your compressed air data easier and quicker!

It comes standard with the 4 analogue inputs and a 10 meter | 32.9 feet cable with a connector cap for a VPFlowScope probe or with an M12- 8-pin connector for a VPFlowScope in-line. Longer cable length up on request.

Applications

Efficiency: monitor the efficiency of you compressor system. Measure with the VPFlowScope in the main pipe line of your system and measure with 4 power meters the power consumption of each compressor.

Air audits: the VPFlowTerminal can be used for air audits as you collect all data within one data logger. This makes the data collection, read out and analysis very convenient.
Total package: Measure flow together with dew point, pressure and power consumption.

Wall mount display: When flow sensors are too high to equip them with a local display, the VPFlowTerminal can be used as a wall mount local read out. It comes standard with 10 a meter cable and connector cap to attached to the VPFlowScope. Lengths can be increased up to max. 25 meters.

Details
The VFlowTerminal needs to be connected to a VPFlowScope in order to work and log. With the built in Ethernet converter all VPFlowScope sensor values can be sent to a BMS or VPVision. The 4 built-in analogue inputs can be connected to any kind of analogue sensor, be it a kW, pressure, dew point or temperature sensor. The analogue sensors can be logged in the 2 MB data logger of the VPFlowTerminal. Important to know is that at this time the analogue sensor values cannot be sent to a BMS with the integrated Ethernet converter. The Ethernet converter only transmits the digital VPFlowScope values like flow, pressure and temperature in IM or SI metric systems.

VPFlowScope probe and VPFlowTerminal Kit

Congratulations! You are looking at our VPFlowScope and VPFlowTerminal Kit which means you are close to getting your hands on one of the most sophisticated compressed air tools in the market. Let the savings begin!

VPFlowScope insertion probes with VPFlowterminal

Order codes: VPS.R150.P400.VPT.KIT | 400 mm VPFlowScope
VPS.R150.P600.VPT.KIT | 600 mm VPFlowScope
VPS.R200.P4DP.VPT.KIT | 400 mm VPFlowScope dP

Features:

- > VPFlowScope thermal insertion probe
- > Compression fitting with Teflon ferrule
- > Safety chain
- > Calibration report
- > English user manual
- > VPStudio software
- > VPFlowTerminal with 4 extra analogue input ports and built in 2 million data logger
- > Pre-wired 10 meter cable with M12 8 pin male connector
- > Connector cap with M12 8 pin female connector
- > USB cable for laptop to terminal connection
- > English user manual

Options:

> VPLog-I current sensors (available from 100 Amps .. 1500 Amps)	VPA.8000.2xxx
> Dew point sensor -100..+20	-148..68 °F	VPA.8000.1003
> Dew point sensor -40..+60 °C	-40..140 °F	VPA.8000.1016
> Pressure sensor 0..16 bar	0..232 psi	VPA.8000.1030
> VPFlowScope flow direction sensitivity	VPA.5000.911
> VPFlowScope high pressure option up to 35 bar(a)	500 psi	VPA.0001.092

Note 1: Order your power cord separately, choose from EU and US adapter style plugs with 2 m / 6.6 ft cable.

Note 2: Ask us for possibilities for longer cable lengths then the standard 10 meter / 32.9 ft cable provided

With this VPFlowScope Start Kit you invest in a high quality and easy to use instrument which can collect 2 million data point with the built in data logger.

Shipment specifications	
Dimensions	80 x 20 x 10 cm / 32 x 8 x 4 inch
Material	Carton box
Weight	4,6 Kg*

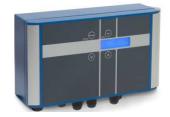***Based on one off and 400 mm probe, VPFlowTerminal, 10 meter cable and accessories.**

VPFlowScope in-line and VPFlowTerminal Kit

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VPFlowScope in-line with VPFlowterminal

Order codes: VPS.R080.M050.VPT.KIT | 0.5 inch VPFlowScope in-line
VPS.R250.M100.VPT.KIT | 1.0 inch VPFlowScope in-line
VPS.R01K.M200.VPT.KIT | 2.0 inch VPFlowScope in-line

Features:

> VPFlowScope thermal in-line sensor with M12, 8pin connector
> In- and oulet tubes BSP hreaded
> Tube adapters for BSP to NPT connection (USA only)
> English user manual
> VPStudio software
> VPFlowTerminal with 4 extra analogue input ports and built in 2 million data logger
> Pre-wired 10 meter cable with M12 8 pin male connector
> Connector cap with M12 8 pin female connector
> USB cable for laptop to terminal connection
> English user manual

Options:

> Calibration report	VPA.0009.001
> VPLog-I current sensors (available from 100 Amps .. 1500 Amps)	VPA.8000.2xxx
> Dew point sensor -100..+20	-148..68 °F	VPA.8000.1003
> Dew point sensor -40..+60 °C	-40..140 °F	VPA.8000.1016
> Pressure sensor 0..16 bar	0..232 psi	VPA.8000.1030
> VPFlowScope flow direction sensitivity	VPA.5000.911
> VPFlowScope high pressure option up to 35 bar(a)	500 psi	VPA.0001.092

Note 1: Order your power cord separately, choose from EU and US adapter style plugs with 2 m / 6.6 ft. cable.

Note 2: Ask us for possibilities for longer cable lengths then the standard 10 meter / 32.9 ft. cable provided

Shipment specifications	
Dimensions	80 x 20 x 10 cm / 32 x 8 x 4 inch
Material	Carton box
Weight	4,6 Kg*

*Based on one off and 0.5 inch in-line sensor, VPFlowTerminal, tubing kit, bsp-npt adapters and 10 meter cable and accessories.