VH563 Series Hand-Held Blow-By Flow Meter System

The VH563 Hand-Held Blow-By Flow Meter is designed for easy use in the field for engine testing. This system comes complete with a VF563 Series In-Line Flow Meter and a read-out unit with rechargeable battery. The read- out unit supplies power for the VF563 Flow Meter, as well as providing a visual read-out of the flow measured.

If the health of your on-site engine is important to you, the J-TEC VH563 Series Hand-Held Blow-By Flow Meter System is the answer for on-the-spot testing of piston ring blow-by and an early alert of engine wear problems.

FLOW METER SPECIFICATIONS

Measured:	Air or low pressure gas
Flow rate measured:	0.14 ACFM to 80 ACFM
Operating (GAS) temperature:	0° to 200°F (-18° to 93°C)
Operating pressure:	-5 to 30 PSIG (-0.34 to 2.1 BARg)
Accuracy:	± 2% full scale
Repeatability:	± 0.5% of reading
Input power:	Supplied by hand-held read-out
Construction:	Anodized aluminum
Ambient temperature limits:	-20° to 150°F (-28° to 66°C)
Pressure loss:	As low as 0.1" water column (2.54 mm) at full flow Consult factory for actual pressure loss measurements Pressure loss varies with flow rate
Response time:	100 milliseconds
Connector:	5pin
Output:	0-5 volts only

READ-OUT SPECIFICATIONS

Display:	Engineering units scaled in ACFM only
Batteries:	Rechargeable NICAD Batteries with 10 hour continuous use
Recharging:	Recharge in approximately 10 hours with the 110 VAC adapter provided
Enclosure dimensions:	2.5" W x 4.75" L x 1.4" D plastic
Digits:	3-1/2 digits read 1999 full scale, 1/2" (12.7 mm) high digits
Type:	Liquid crystal display
Polarity:	Automatic, (-) displayed
Zero adjustment:	Preset at factory
Operating temperature:	32° to 122°F (0° to 50°C)
Storage temperature:	-4° to 158° F (-20° to 70°C)
Use with:	J-TEC blow-by flow meters with a full scale output of 5 VDC only

FLOW RANGES

Model	VH563AA	VH563A	VH563B	VH563C	VH563J	VH563K
Line Size In. (mm)	3/8 (9.5)	1/2 (12.7)	5/8 (15.9)	1-3/8 (34.9)	3/4 (19.05)	1 (25.4)
Range-ACFM	0.14 to 5	0.25 to 10	0.40 to 16	2 to 80	0.7 TO 27	1 TO 50

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