

# BLOW-BY METER



Test piston ring sealing throughout the full RPM range

Analog or frequency output to your dynamometer

Find power that is lost to problems with:

- ⚙ Ring Flutter
- ⚙ Ring End Gap
- ⚙ Cylinder Wall Distortion Ring Clearance
- ⚙ Ring Tension

## SPECIFICATIONS:

<b>Operating temperature:</b>	0° to 200° F (-18° to 93° C)
<b>Operating pressure:</b>	-5 to 30 PSIG (-0.34 to 2.1 BARg)
<b>Accuracy:</b>	± 2% full scale
<b>Repeatability:</b>	± 0.5% of reading
<b>Input power:</b>	+12 to +24 VDC at 35 mA
<b>Outputs:</b>	Analog 0 to 5 VDC, or Frequency, Available Options: 0 to 10 VDC or 1 to 10 VDC
<b>Construction:</b>	Anodized aluminum
<b>Ambient temperature limits:</b>	-20° to 150° F (-28° to 66° C)
<b>Response Time-Analog/Freq:</b>	100 milliseconds



Model	VF563AA	VF563A	VF563B	VF563J	VF563K	VF563C	VF563F
Line Size ID Inches (mm)	3/8 (9.5)	1/2 (12.7)	5/8 (15.9)	3/4 (19.05)	1 (25.4)	1-3/8 (34.9)	2 (50.8)
Range ACFM	0.14 to 5	0.25 to 10	0.4 to 16	0.7 to 27	1 to 50	2 to 80	5 to 200
Range LPM	4 to 141	7 to 283	11.3 to 453	20 to 785	28 to 1416	56 to 2265	141 to 5863
Range m <sup>3</sup> /Hr	0.24 to 8.5	0.42 to 17	.7 to 27	1.2 to 46	1.7 to 85	3.4 to 136	8.5 to 340
Range CFH	8.4 to 300	15 to 600	24 to 960	42 to 1820	60 to 3000	120 to 4800	300 to 12000

ACFM = Actual Cubic Feet per Minute  
 LPM = Liters Per Minute  
 m<sup>3</sup>/Hr = Cubic Meters per Hour  
 CFH = Cubic Feet per Hour

All VF563 flow meters are calibrated using standards and test equipment traceable to the National Institute of Standards and Technology (NIST).