



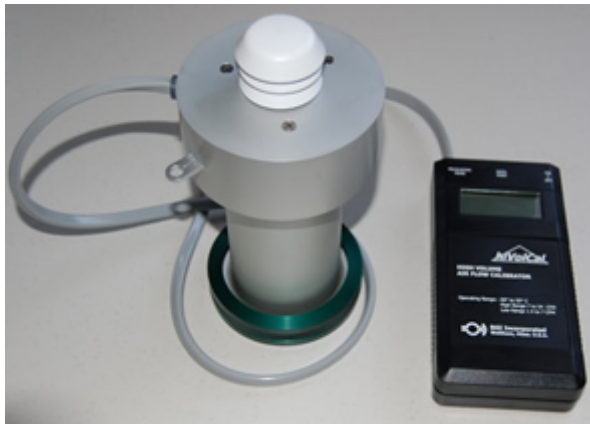
BGI

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Direct Reading-Electronic High-Volume (HiVol) Calibrator

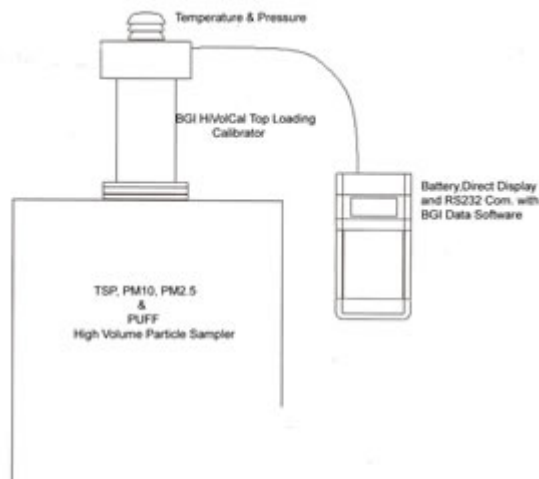
Hand held, Hi-Vol Flow Rate, Temperature and Pressure Calibrator **HiVolCal**



The BGI High-Volume Calibrator (**HiVolCal**) is a development to assist air sampling technicians with quality control and easy-quick field calibrations, with a minimum of effort and hardware. Simply connect, read and adjust the flow controller of the HiVol to the BGI **HiVolCal**.

The High Volume (HiVol) TSP and PM₁₀ ambient particulate sampler is in use throughout the world in thousands of applications. While easy to operate and maintain, the flow rate calibration procedure is a difficult manual procedure, involving loads of hardware, calculations and consumes significant operator time.

The new direct reading **HiVolCal** includes advanced features with display of HiVol flow rate in actual and standard conditions, ambient temperature and barometric pressure; all in one portable device. The BGI **HiVolCal** completely eliminates the traditional drudgery of performing a manual calibration using five top-loading orifi plates, water manometer, thermometer, pressure sensor, stopwatch etc.



B	P	:	7	6	0	.	0		m	m	H	g			
T	a	:	2	2	.	8		°	C						
Q	a	:	1	6	.	6	7		C	F	M	B	a	t	t
Q	s	:	1	6	.	6	7		C	F	M	1	0	0	%

Screen Image Enlarged

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Catalog Number	Flow Range		Flow Rate (CFM)	Flow Rate (LPM)
HVC1	Single		7 to 54 Cubic Feet/min	198 to 1528 Liters/min
HVC7		8x10 HiVol Adapter Plate		For Use on all commercial HiVol Samplers

Specifications

Temperature Application	-30° to 55° C
Pressure Application	534 to 1066 millibars
Accuracy	0.75% of Reading
Weight	2 Pounds
Battery	4 – AA Disposable
NIST Traceable Calibration	Certificate

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