

Mesa Labs' newest standardized and volumetric primary flow standard offers easy-to-navigate calibrations with unparalleled flow ranges, accuracy and portability. The FlexCal features:



- USB connectivity
- Flow ranges from 5 ccm to 50 LPM
- Quick start operation
- Graphical LCD display
- User-selectable flow units and time intervals



### Our most flexible calibrator yet

*High flow rate. High accuracy. High portability.* The FlexCal offers flow ranges up to 50 LPM with a standardized accuracy of 0.5%, but is small, easy to carry and ready for even the most demanding of applications. When you use Mesa Labs' FlexCal, you are guaranteed high accuracy with high confidence without the use of soap bubbles, timers, or heavy provers. At Mesa Labs, we worry about calibration so you don't have to.

		FlexCal-H	FlexCal-M*	FlexCal-L*
<b>Flow Ranges</b>		0.5 - 50 LPM	50 ccm - 5 LPM	5 - 500 ccm
<b>Accuracy</b>		0.5% of reading	0.5% of reading	0.5% of reading
<b>User selectable measurement units</b>	<b>Volumetric</b>	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min
	<b>Standardized</b>	smL/min, sL/min, scc/min, scf/min	smL/min, sL/min, scc/min, scf/min	smL/min, sL/min, scc/min, scf/min
	<b>Temperature</b>	°C °F	°C °F	°C °F
	<b>Pressure</b>	mmHg, PSI, kPa	mmHg, PSI, kPa	mmHg, PSI, kPa
<b>Temperature and Pressure Sensor</b>		Yes, in flow stream	Yes, in flow stream	Yes, in flow stream

\*to be released in 2017.

Mesa meets the highest quality assurance standards for gas flow measurement, including industry-leading ISO 17025 laboratory accreditation by the National Voluntary Accreditation Program (NVLAP). All primary measurements in our lab are traceable to national standards maintained by the National Institute of Standards and Technology (NIST). The FlexCal is RoHS compliant.

<b>Approximate Time per Reading:</b>	1-15 seconds
<b>Gas Compatibility:</b>	Use with non-corrosive, non-condensing, non-combustible gases, less than 70% humidity
<b>Flow Models:</b>	Pressure or Suction
<b>Measurement Cell Style:</b>	Integrated
<b>Reading Styles:</b>	Single (manual), Continuous or Burst, with averaging function user-selectable from 1 to 100 measurements
<b>AC Adapter/Charger:</b>	12V DC, >250ma, 2.5 mm, center positive
<b>Battery System:</b>	6V rechargeable, sealed lead-acid, 6-8 hrs typical operation
<b>Battery Operational Time (5 cycles/min):</b>	3 hrs backlight on, 8 hrs backlight off
<b>Pressure and Suction Fittings:</b>	1/4" ID Swagelok® fittings, 3/8" fittings on High Model
<b>Warranty:</b>	1 year; battery 6 months
<b>Storage Temperature:</b>	0-70° C
<b>Ambient Humidity:</b>	0-70%, non-condensing
<b>Operating Pressure (Absolute):</b>	Atmospheric, 15 PSIA Max
<b>Display:</b>	Backlit graphical LCD
<b>Data Port (for PC interface):</b>	USB
<b>Data Cable (for PC interface):</b>	1 meter (FlexCal Data Port to PC serial port)
<b>Protective Case:</b>	Pelican case available



Mesa's Butler, N.J. manufacturing facility (pictured above) is our NVLAP accredited ISO 17025 laboratory.