

CALIBRATION EQUIPMENT

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Calibration Equipment & Accessories42-43



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Bios

Driving a Higher Standard
in Flow Measurement™

Defender Primary Flow Calibrator

Announcing the new Bios Defender, the “next generation” of the very popular DC-Lite and DC-2 primary calibrators. The Bios Defender is the existing DryCal® technology, evolved. The revolutionary dry flow meter design provides users with a primary flow standard for industrial hygiene, environmental & laboratory applications.

The Bios Defender, at a Glance

Accuracy

- Proven ± 1.0 percent of reading accuracy is supported by ISO 17025 accreditation by NVLAP of NIST
- Integrated temperature sensors and pressure transducers – placed directly in the flow stream for optimum standardized results (Bios Defender 520)

Convenience

- Lighter and more robust than its predecessors – ideal for field use
- Housed in a molded case with rubber handgrips for a better feel and a sleeker, more contemporary look
- Navigation menu and a large, illuminated graphical display with zoom feature, rated for extreme cold operation, down to -20 degrees C
- RoHS compliant for Europe (Restriction of Hazardous Substances)

Flexibility

- Choose between flow units – mL, L, cc, or cfm
- Include up to one hundred readings in a group average
- Take individual readings, continuous hands-free readings, or set to read in time intervals, anywhere from one minute up to sixty minutes between readings
- Software – an integrated serial PC interface and software for bullet-proof transfer of flow data to a text file, and automatic recording and graphing of flow measurements. A software upgrade is available for the creation of air sampler profiles, sampler calibration data recording and storage, calibration report printing, and other capabilities



**1 YEAR
WARRANTY**



500315
(case only)

PART #	PRODUCT DESCRIPTION	LIST PRICE	ems PRICE
BIOS DRYCAL® DEFENDER PRIMARY AIR FLOW CALIBRATORS & ACCESSORIES			
500301	Bios DryCal® Defender 510-L 5ml - .5 liters per minute <i>includes 18" calibrator connection tubing</i>	\$1,300.00	\$1,249.00
500305	Bios DryCal® Defender 510-M 50ml - 5 liters per minute <i>includes 18" calibrator connection tubing</i>	\$1,300.00	\$1,279.00
500311	Bios DryCal® Defender 510-H 300ml - 30 liters per minute <i>includes 18" calibrator connection tubing</i>	\$1,350.00	\$1,339.00
500315	Custom Pelican Case for Bios DryCal® Defender	\$89.95	\$69.95
500114	18" Calibrator Connection Tubing	\$2.99	\$2.99



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GILIBRATOR-2® Diagnostic Calibration System

Primary standard accuracy and performance validation for sampling pump air flows from 1cc to 30 LPM.

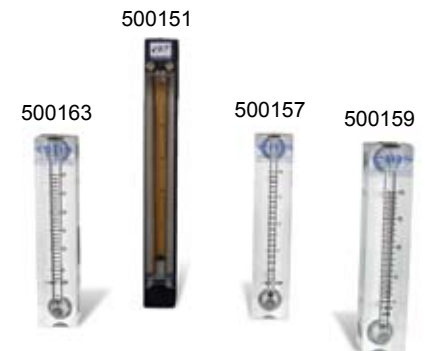
Sensidyne's GILIBRATOR-2® System provides the user with a convenient and highly automated way to check almost any commercially available air sampling pumps for proper air flow function before their deployment. The system consists of an electronic GILIBRATOR-2® Base, which is used with a new soapless piston-type cell, offering the ultimate in convenience and fast setup. These patented interchangeable components are also available as part of kits which can also include a complete calibration diagnostic panel. All cells use a twist-on bayonet design for quick and easy mounting to the base. All are certified for accuracy, traceable to NIST. Sensidyne recommends calibration of your Gilibrator System, whether wet cell or soapless dry cell, at least once a year.



PART #	PRODUCT DESCRIPTION	LIST PRICE	ems PRICE
GILIAN GILIBRATORS & ACCESSORIES			
500101	Gilibrator 2®, High Flow Kit, 120V, 2-30 LPM	\$1,399.00	\$1,399.00
500102	Gilibrator, Standard Flow Cell & Sensor Only	\$428.50	\$428.50
500103	Gilibrator 2®, Standard Flow Kit, 120V, 20cc-6 LPM	\$1,259.00	\$1,259.00
500104	Gilibrator Printer Module	\$748.00	\$748.00
500105	Gilibrator 2®, Low Flow Kit, 120V, 1-250cc	\$1,291.50	\$1,291.50
500106	Gilibrator High Flow Cell & Sensor Only	\$561.00	\$561.00
500107	Gilibrator 2®, Deluxe Kit, 120V, (all cells & printer)	\$3,099.00	\$3,099.00
500108	Gilibrator Low Flow Cell & Sensor Only	\$462.00	\$462.00
500110	Gilibrator Recording Paper (5 Rolls per-Pack)	\$26.50	\$26.50
CALIBRATION ACCESSORIES			
500115	Calibration Soap Film, 8 oz.	\$9.00	\$9.00
500116	Gilian Gilibrator Flow Cell Soap	\$34.00	\$34.00
500117	Mini-Soap Dispenser Bottle	\$3.00	\$3.00

Secondary Calibrators

PART #	PRODUCT DESCRIPTION	LIST PRICE	ems PRICE
PRECISION & ECONOMY FIELD ROTAMETERS & ACCESSORIES			
500145	Precision Rotameter, 80cc - 800cc (Brass Barbs Not Included)	\$195.00	\$195.00
500147	Precision Rotameter, 1 - 10 LPM (Brass Barbs Not Included)	\$195.00	\$195.00
500149	Precision Rotameter, 2.3 - 23 LPM (Brass Barbs Not Included)	\$195.00	\$195.00
500151	Precision Rotameter, 4.2 - 42 LPM (Brass Barbs Not Included)	\$195.00	\$195.00
500153	Stand & Bracket for Precision Rotameter	\$103.00	\$103.00
500155	Bracket Only	\$28.00	\$28.00
500157	ems Economy Rotameter, 0.4 - 4 LPM (Includes 2 Brass Barb Adapters)	\$39.00	\$33.00
500159	ems Economy Rotameter, 2 - 20 LPM (Includes 2 Brass Barb Adapters)	\$39.00	\$33.00
500163	ems Economy Rotameter, 3 - 30 LPM (Includes 2 Brass Barb Adapters)	\$39.00	\$33.00
200117	Brass Barb Adapter for Rotameter 1/8"	\$1.50	\$0.95



Precision & Field Rotameters