

## CALIBRADOR PRIMARIO BIOS DEFENDER SERIE 500

- ✓ El primer calibrador de pistón basado en el desplazamiento de volumen DryCal® Technology.
- ✓ Con opción de medir en forma continua o manual.
- ✓ Sensores para Temperatura y Presión.
- ✓ Lecturas de Flujo Volumétrico MI/min, L/min, cc/min, cf/min.
- ✓ DryCal ProSoftware para traspaso de datos a PC.
- ✓ Elección de tres rangos de flujo
  - 5 mL a 500 mL
  - 50 mL a 5L
  - 300 mL a 30 L



		Defender 510	Defender 520	Defender 530
<b>Model and Flow Ranges</b>		510L, 5 -500 ccm 510M, 50-5000 ccm 510H, 300-30,000 ccm	520L, 5 -500 ccm 520M, 50-5000 ccm 520H, 300-30,000 ccm	530L, 5 -500 ccm 530M, 50-5000 ccm 530H, 300-30,000 ccm
<b>Volumetric Accuracy</b>		1%	1%	1%
<b>Standardized Accuracy</b>		N/A	N/A	1.2%
<b>User selectable Measurement Units</b>	Volumetric	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min	mL/min, L/min, cc/min, cf/min
	Standardized	N/A	N/A	smL/min, sL/min, scc/min, scf/min
	Temperature	N/A	°C °F	°C °F
	Pressure	N/A	mmHg, PSI, kPa	mmHg, PSI, kPa
<b>Temperature and Pressure Sensor</b>		No	Yes, in flow stream	Yes, in flow stream
	Pressure	N/A	3.5 mmHg (typical) 7.0 mm (max)	3.5 mmHg (typical) 7.0 mm (max)
	Temperature	N/A	0.8° C (typical) 1.3° C (max)	0.8° C (typical) 1.3° C (max)

## Defender 500 Series

<b>Approximate Time per reading</b>	1-15 seconds
<b>Reading Styles</b> (with averaging function user-selectable from 1 to 100 measurements)	Single (manual), Continuous or Burst
<b>Gas Compatibility</b>	non-corrosive gases, non-condensing, less then 70% humidity
<b>Flow Modes</b>	Pressure or Suction
<b>Measurement Cell Style</b>	Integrated
<b>AC Adapter/Charger</b>	12V DC, > 250ma, 2.5mm center positive
<b>Battery System</b>	6v rechargeable, sealed lead-acid, 6-8 hrs typical operation
<b>Battery Operational Time</b> (5 cycles/min)	3 hours backlight on, 8 hours backlight off
<b>Pressure and Suction Fittings</b>	¼" ID Hose Barb
<b>Warranty</b>	1 yr (battery 6 mo)
<b>Storage Temperature</b>	0-70° C
<b>Ambient Humidity</b>	0-70%, non-condensing
<b>Operating Pressure (Absolute)</b>	15 PSI
<b>Display</b>	backlit graphical LCD
<b>Data Port</b> (for use with Optimizer Software)	Serial - RS-232
<b>Data Cable</b> (for use with Optimizer Software)	1 meter Defender to PC included
<b>Protective Case</b>	Soft or Pelican case available
<b>Dimensions (H x W x D)</b>	5.5" x 6" x 3" / 140 x 150 x 75 mm
<b>Weight</b>	29 oz / 820 g

**RoHS- and CE-compliant**