

Electrical Safety Analyser



Features - AA-8000

State-of-the-art NDIR (Non-Dispersive Infrared) Technology

Measures 4 Anaesthetic Agent Gases: Sevoflurane, Isoflurane, Desflurane and Halothane

Small, Portable unit with adjustable Handle/Stand

Large Graphical Display with Backlight

User Friendly Interface:

- One Button Agent Select
- One Button Sample (Pump) Control

Auto compensation for Temperature and Barometric Pressure

Built in Sampling Pump

Gas Flow Sampling at 150 ml/min

Manual and Automatic operation

Internal Data Logging with Date and Time - 500 Samples

Rechargeable Battery

USB Computer Interface

Field Upgradeable - Flash Memory

Fast warmup time (45 seconds)

Comes with NIST Traceable Calibration Certificate with Data

Service Tool for anesthesias service application (NOT FOR CLINICAL USE)



AA-8000

The AA-8000 is the latest in portable anaesthetic agent analysers. It was designed to meet the demand for a small, easy to use unit with high reliability and accuracy. Utilising proprietary state-of-the-art digital NDIR (Non- Dispersive Infrared) Technology it provides a low cost, high function, microprocessor- based analyser that is simple to operate while maintaining high performance and accuracy.

The unit's flexible design and portable size makes it the ideal service tool for anaesthesia service applications in hospitals and surgical centres. It has a slanted display and adjustable handle/stand to allow for ease of viewing. The internal rechargeable Lithium battery provides for hours of continuous operation.

One Button selection of the Agent to be analysed coupled with One Button control over the sampling pump make the unit simple and quick to use. No complex menus and key combinations are required.

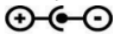
The internal data logger combined with the internal clock allows for the storage of up to 500 time and date stamped readings, that can be downloaded to a computer using the USB interface.

Flash Memory and the USB interface allow for field upgrades with downloads from our website.

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Specifications

GENERAL		
Model	AA-8000 Anesthetic Agent Analyzer	
Measurement Technology	NDIR (Non-Dispersive Infrared)	
Gases	Sevoflurane, Isoflurane, Desflurane and Halothane	
Accuracy	+/- (0.05% Vol% + 4% relative)	
Range (Iso, Sevo and Halo)	0 to 8.00%	
Range (Des)	0 to 20.00%	
Resolution	0.01%	
Detection Minimum	0.15%	
Sampling Method	Suction Pump (internal)	
Internal Memory	Flash	
Interface	USB	
AC Power	90 to 275 VAC, 50/60 Hz	
AC Power Adapter	12 VDC, 500 mA  BC20-21115 (Universal)	
Battery	Internal Rechargeable Li-Ion battery pack	
Battery Runtime	12 Hours Continuous	
Display	128 X 64 Pixels Graphical LCD, White LED Backlight	
Size	7.9 x 6.8 x 3.0 Inches (200 x 173 x 76 mm)	
Weight	< 3.5 Lbs. (1.6 kg)	
Construction	ENCLOSURE	ABS Plastic
	OVERLAY	Back-Printed Lexan
Operating Range	15 to 40 °C (59 to 104 °F)	
Storage Range	-20 to 60 °C (-4 to 140 °F)	

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