

## Features - SA-2000-INTL Series

- ◆ All the Same Features Available as on the Domestic Counterpart
- ◆ Universal Power Receptacle Accepts Almost Any International Power Plug Configuration
- ◆ Detachable Power Cord Allows for use in Any Country
- ◆ Small Self Contained Package
- ◆ Line Voltage Measurement
- ◆ Device Under Test Current Measurement
- ◆ Earth/Ground Lead Resistance/ Leakage Current
- ◆ Point-to-Point Testing & Self-Test Points
- ◆ Enclosure/Chassis Leakage Current
- ◆ External Resistance & Leakage Current
- ◆ Source Receptacle Wiring Integrity Monitor
- ◆ MAP (Isolation) Function
- ◆ Built-In ECG Simulator
- ◆ True RMS Measurements
- ◆ AAMI ES1-1993 or IEC 601 Selectable Test Loads
- ◆ 85 to 265 VAC Operation
- ◆ Full 20 amp Rating
- ◆ LED Status Indicators
- ◆ Audio Feedback
- ◆ Externally Replaceable Ground Fuse
- ◆ Automatic Load Reversal Delay
- ◆ Soft Carrying Case

## Optional

- ◆ External Point-to-Point (Red) Cable

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# SAFETY ANALYZERS

*BC Biomedical SA-2000-INTL Series*



## SA-2001-INTL

The SA-2000-INTL Series is a Microprocessor based Electrical Safety Analyzer Family. There are 5 models that provide everything from the most basic testing functions to the most complete set of features of any handheld unit on the market. This Family is ideal for international customers or for those that simply need power cord configuration that is different from the standard NEMA 5-15P (North America 125 VAC / 60 Hz) configuration that is standard on our SA-2000 Series. Interchangeable power cords make power input switching extremely easy & the universal configuration power receptacle is compatible with almost all countries around the world.

The compact size makes the SA-2000-INTL Family easy to hold and operate. All models operate from 85 to 265 Volts @ 50/60 Hz, with Load Currents up to 20 Amps, so there is no need to purchase 2 different analyzers to cover your testing needs.

The SA-2000-INTL Family of Safety Analyzers allows the user to choose the model that best fits the application. The combination of the best features at the best price makes this Family of products a natural choice.

All models come with a soft case and Chassis (Black) cable. An optional External Point-to-Point (Red) cable is also available.



# BC Biomedical SA-2000-INTL Series

## SPECIFICATIONS

	SA-2000-INTL	SA-2001-INTL	SA-2005-INTL	SA-2010-INTL	SA-2010S-INTL
<b>Voltage (input)</b>	85 to 265	85 to 265	85 to 265	85 to 265	85 to 265
<b>Current (Rating)</b>	20	20	20	20	20
<b>Measures:</b>					
<b>Voltage (VAC)</b>	No	85 to 265 (± 3% R)	85 to 265 (± 3% R)	85 to 265 (± 3% R)	85 to 265 (± 3% R)
<b>Current (amps)</b>	No	0 to 19.99 (± 5% R)	0 to 19.99 (± 5% R)	0 to 19.99 (± 5% R)	0 to 19.99 (± 5% R)
<b>Leakage Current (uA)</b>	0 to 1999 DC & 25 to 1 kHz (± 1% R) 1 kHz to 100kHz (± 2.5% R) 100 kHz to 1 mHz (± 5% R)	0 to 1999 DC & 25 to 1 kHz (± 1% R) 1 kHz to 100kHz (± 2.5% R) 100 kHz to 1 mHz (± 5% R)	0 to 1999 DC & 25 to 1 kHz (± 1% R) 1 kHz to 100kHz (± 2.5% R) 100 kHz to 1 mHz (± 5% R)	0 to 1999 DC & 25 to 1 kHz (± 1% R) 1 kHz to 100kHz (± 2.5% R) 100 kHz to 1 mHz (± 5% R)	0 to 1999 DC & 25 to 1 kHz (± 1% R) 1 kHz to 100kHz (± 2.5% R) 100 kHz to 1 mHz (± 5% R)
<b>Resistance (ohms)</b>	10 mA 0 to 1.99 (± 1% R) 2 to 19.99 (± 1% R)	10 mA 0 to 1.99 (± 1% R) 2 to 19.99 (± 1% R)	10 mA 0 to 1.99 (± 1% R) 2 to 19.99 (± 1% R)	10 mA 0 to 1.99 (± 1% R) 2 to 19.99 (± 1% R)	10 mA 0 to 1.99 (± 1% R) 2 to 19.99 (± 1% R)
<b>Patient Leads</b>	0	0	5	10	10
<b>MAP (Isolation)</b>	No	No	Yes	Yes	Yes
<b>Built-in ECG Simulator</b>	No	No	No	No	Yes
<b>AAMI &amp; IEC Loads</b>	AAMI Only	Yes	Yes	Yes	Yes
<b>Point-to-Point</b>	No	Yes	Yes	Yes	Yes
<b>Test Points</b>	No	Yes	Yes	Yes	Yes
<b>Test Capability:</b>					
<b>Open Ground</b>	Yes	Yes	Yes	Yes	Yes
<b>Reverse Polarity</b>	Yes	Yes	Yes	Yes	Yes
<b>Open Neutral</b>	Yes	Yes	Yes	Yes	Yes
<b>Open Line</b>	Yes	Yes	Yes	Yes	Yes
<b>Size</b>	8.7" x 5.5" x 1.6	8.7" x 5.5" x 1.6	8.7" x 5.5" x 1.6	8.7" x 5.5" x 1.6	8.7" x 5.5" x 1.6
<b>Weight</b>	2 lbs	2 lbs	2.5 lbs	2.5 lbs	2.5 lbs



SA2000-INTL-R



SA2001-INTL-R



SA2005-INTL-R



SA2010-INTL-R



SA2010S-INTL-R