

### **ESU-2000A Features:**

- Small & Simple to Use
- Lightweight
- 6 Selectable Loads from 50 to 500 ohms
- No Load Switching Relays
- Return Contact Monitor Test with 1 ohm Steps
- RF Power, Current & Leakage Measurement
- No Batteries or Power Cords
- Easy-to-Read Color-Coded Meter
- High Speed Fuse Protects Meter

### **Accessories Included:**

- 42" Active Lead (Yellow)
- 42" Earth/Ground Lead (Green)
- 42" Dispersive Lead (Blue)
- Blue Alligator Adapter
- Yellow Alligator Adapter
- Green Alligator Adapter
- Ground Pin (w/Female Banana Hole)
- Spare Fuse, High Speed, 1/4" x 1 1/4"
- 42" Valleylab Dispersive w/o Pin to Two Blue Retractable Bananas
- 42" Valleylab Dispersive w/o Pin to One Blue Retractable Banana

### **Optional:**

Soft Carrying Case

# Electrosurgical Unit Analyzer

BC Biomedical ESU-2000A

The ESU-2000A ESU Tester is full-featured and versatile. Test modes include RF output power and leakage, measured with a large analog meter. There are different color codes for each range at the input connector and on the meter, making measurements quick & easy. For Return Contact Monitor (CQM, REM, ARM, PSS) testing, we've built in a 0 to 1000 ohm variable resistance with 1 ohm digital resolution. Even more expensive ESU testers generally don't offer this much range or resolution! To improve reliability and accuracy, the ESU-2000A has no frontpanel switches. Instead, the user simply changes the position of our unique ESM-1 Switching Module to select either RF Power or RF Leakage mode. For safety, the module also blocks access to unused input connectors, virtually eliminating worry about improper connections and resultant equipment damage. Plus, you won't lose the switching module because it is conveniently stored on the front panel at all times.



ESU-2000A



## **Specifications**

### **ESU-2000A**

Display	4.5" analog meter; accuracy is ± 2.0% of full scalecolor-coded scales in watts and milliamps
Selectable Load Ranges	50, 100, 200, 300, 400 & 500 ohms (non-inductive) The load value in ohms is also the full scale range in watts. (Example: 50 ohm load = 50 watts full scale)
ESU Output Current Range	0-1000 mA for all loads
RF Leakage Test	500 mA maximum into 200 ohm load
Return Contact Monitor Test	0 to 1000 ohms; 1 ohm resolution; digital display; 3% accuracy
Oscilloscope Output	Isolated (uncalibrated) BNC Connector
Power Requirements	None; passive operation; no batteries or power cord
Fuse	Bussman Type FWH, .5 amp
Case	High impact plastic enclosure
Size	3.1"H x 8.4"W x 9.1"D
Weight	5 lbs.
Optional Loads	Precision load resistors

#### About BC Group International

Contact Us

BC Group is a leader in manufacturing, servicing and selling biomedical testing equipment. With dealers across the world, BC Group has achieved international success and continues to grow. Our equipment is designed to thoroughly test medical equipment and maximize your investments. We have a promise to provide quality at all levels of operation and help ensure equipment is safe for patients and medical staff.

BC Group is committed to exceeding customer expectations and enhancing customer satisfaction through the continual improvement of our products, services and Quality Management System.

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ESU-2000A Accessory Kit BC20-00121