

Features - ESU-2000A

- ◆ 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

- ◆ ESM-1 Switching Module
- ◆ Red, Black & Green Patch Cords
- ◆ Insulated Alligator Clips & Ground adapter
- ◆ Spare Fuse
- ◆ Operator Manual

Optional

- ◆ Soft Carrying Case

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ESU ANALYZERS

BC Biomedical ESU-2000A



ESU-2000A Power & Current Testing Mode

The ESU-2000A ESU Tester is full-featured & 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 front-panel 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 & resultant equipment damage. Plus you won't lose the switching module because it is conveniently stored on the front panel at all times.



BC BIOMEDICAL ESU-2000A

SPECIFICATIONS

Display	4.5" analog meter; accuracy is $\pm 2.0\%$ of full scale Color-coded scales in Watts & Milliamps
Selectable Loads & 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, etc.)
ESU Output Current Range	0 to 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
RF Leakage Mode/ESU Power Mode	
Optional Loads	Precision Load Resistors

ESU-2000A Leakage Testing Mode



**ESU-2000A
Accessory Kit**



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