

SECULIFE ES_{PRO} elektrosebészeti eszközök / berendezések funkcionális vizsgálatához

- V, mV csúcs, mA, csúcs tényező és teljesítmény kijelzése
- Három teljes ESU hullámforma adatkészletének belső tárolása
- Nagyméretű grafikus kijelző az opciók és paraméterek kurzoros választási lehetőségével
- A legkisebb és legkönnyebb ESU
- 1% kijelzési bizonytalanság
- USB és RS232 interfész
- Felhasználó által választható adatmegjelenítés

Specification

The SECULIFE ES_{PRO} has been designed to be used in conjunction with an external RF Current Transformer and external precision load resistors to measure various parameters relating to the routine service of Electrosurgical Generators. The SECULIFE ES_{PRO} is microprocessor based and utilizes a combination of unique hardware and software to provide accurate and reliable test results.

DFA™ -Technology

A revolutionary new method of measuring ESU generator output power. A high-speed analog to digital converter is used to digitize the high frequency, high power output of the ESU generator. An RF Current Transformer is used to convert the current signal to a voltage signal, which is read by the A/D Converter. By digitizing the signal a more accurate, frequency independent measurement can be made.

Technical Data

Device:

- Display: LCD Graphical 128 x 64 pixels
- Construction: 8.6 x 23.1 x 20.3 cm/ABS Plastic
- Weight: ≤ 3 lbs. (1.36 kg)
- Face Plate: Lexan/Back printed
- Operating Range: 15 to 30 °C
- Storage Range: -40 to 60 °C
- Setup Memory: EEPROM, All Parameter
- Power Consumption: EIN: less than 150 mA
- AUS: less than 40 µA
- Power Supply Adapter: 6 V DC, 500 mA



Measuring: Input Compatibility

- RF Current Transformer: 50 Ohm
- RF Current Transformer: 0.1:1 / 1:1 free to choose by user

Purchase parts

- 1 Operating Instruction

Ordering information

Description / Order number

Elektrosebészeti analizátor, SECULIFE ES_{PRO} / M695B

Input Voltage Range		Calculated Ranges	
Voltage (RMS) Input Resolution	2.0 - 700.0 mV RMS 0,1 mV RMS	Strom (with 0,1:1 CT) Resolution	700.0 mA RMS 0.1 mA
Voltage (Peak, Peak-to-Peak) Resolution	1000,0 mV 0.1 mV	Current (with 1:1 CT) Resolution	70.00 mA RMS 0.01 mA
Frequency	10 kHz - 10 MHz	Wattage Resolution	999.9 Watt 0.1 Watt
Accuracy	0.5 mV, <50 mV 1% reading, >50 mV, up to 1 MHz 3% reading, > 50 mV, 1 to 10 MHz	Crest Factor Resolution	1.4 to 500 0.1
Maximum Input Voltage	33 V p-p internally Protected		
Input Impedance	50 ohms		

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