

# RF ELECTROMAGNETIC FIELD METER

Model : EMF-829

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

*The Art of Measurement*

100 KHz to 3 GHz, 2 probes

# RF Electromagnetic Field Meter

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Frequency range	100 KHz to 3 GHz.	
Unit	V/m, W/m <sup>2</sup> , mW/cm <sup>2</sup> .	
Measuring range	V/m	0.00 to 200.00 V/m
	W/m <sup>2</sup>	0.000 to 99.999 W/m <sup>2</sup>
	mW/cm <sup>2</sup>	0.0000 to 9.9999 mW/cm <sup>2</sup>
Resolution	V/m	0.001 V/m
	W/m <sup>2</sup>	0.001 W/m <sup>2</sup>
	mW/cm <sup>2</sup>	0.0001 mW/cm <sup>2</sup>
Probe type	Low frequency	EP-02L, 100 KHz to 100 MHz.
	High frequency	EP-01H, 100 MHz to 3 GHz.
Special frequency measuring point	Low frequency	100 KHz, 200 KHz, 500 KHz, 1 MHz, 10 MHz, 13.56 MHz, 100 MHz
	High frequency	900 MHz, 1 GHz, 1.8 GHz, 2.4 GHz, 2.45 GHz, 3 GHz.
Function	Data hold, peak hold, Record ( Max., Min. value ), Alarm value setting.	
Operating Temp. and Humidity	0 to 50 °C ( 32 to 122 °F ), Less than 80% RH.	
Power Supply	DC 9V battery ( heavy duty ), 006P, MN1604 ( PP3 ) or equivalent.	
Power Consumption	Approx. DC 6 mA.	
Weight	577 g/1.27 LB, main instrument.	
Dimension	Main instrument	203 x 76 x 38 mm ( 8.0 x 3.0 x 1.5 inch ).
	Probe	70 mm ( dia. ) x 400 mm ( length ).
Applications	EMF-829 is used for broadband devices of monitoring high frequency radiation in the range from 100 KHz to 3 GHz. For example, the electromagnetic field strength measurement of the mobile phone, cell phone base station, micro wave leakage... .	
Accessories included	Low frequency Probe, EP-02L..... 1 PC High frequency Probe, EP-01H..... 1 PC Heavy duty hard carrying case..... 1 PC Operation manual ..... 1 PC	
Optional accessories	RS232 cable, UPCB-02. USB cable, USB-01. Data logger, DL-9601A Data Acquisition software, SW-U801-WIN. AC to DC 9V adapter, AP-9VA.	

\* Appearance and specifications listed in this brochure are subject to change without notice.