

GQ EMF 390 EMF Meter, RF Spectrum Power Analyzer

Specifications:

- **EMF (Electromagnetic Field)**

Triple axis (X, Y, Z)

Range: 0.00~500mG, 0.00 to 50μT

Resolution: 0.1/1 mG or 0.01/0.1 μT

- **EF (Electric Field)**

Range: 0V/m to 1000V/m

Resolution: 1 V/m

Frequency independent

- **RF Field (Radio Frequency Field)**

Range: 0.02μW/m² ~ 9999mW/m²

Resolution: 0.01μW/m², 0.1μA/m, 0.1mV/m, 0.001μW/cm², 1dB

RF Frequency: up to 8 GHz

up to 10 GHz (EMF-390 only)

- **RF Spectrum Power Analyzer (EMF-360+V2 only)**

Frequency band: 2.4GHz – 2.5GHz (WIFI, Bluetooth, Microwave oven, Smart meter etc.)

Frequency step: 25KHz – 405KHz

Frequency span: 58KHz – 812KHz

- **RF Spectrum Power Analyzer (EMF-380V2, EMF-390 only)**

Frequency band 1: 50 MHz -65MHz (FM Radio)

Frequency step: 100KHz

Frequency span: 100KHz

Frequency band 2: 65 MHz -76MHz (FM Radio)

Frequency step: 100KHz

Frequency span: 100KHz

Frequency band 3: 76MHz – 108MHz (FM Radio)

Frequency step: 100KHz

Frequency span: 100KHz

Frequency band 4: 240MHz – 1040MHz (Cell phone, Wireless phone Smart meter, etc.)

Frequency step: 1KHz – 10KHz

Frequency span: 50KHz – 4000KHz

Frequency band 5: 2.4GHz – 2.5GHz (WIFI, Bluetooth, Microwave oven, Smart meter, etc.)

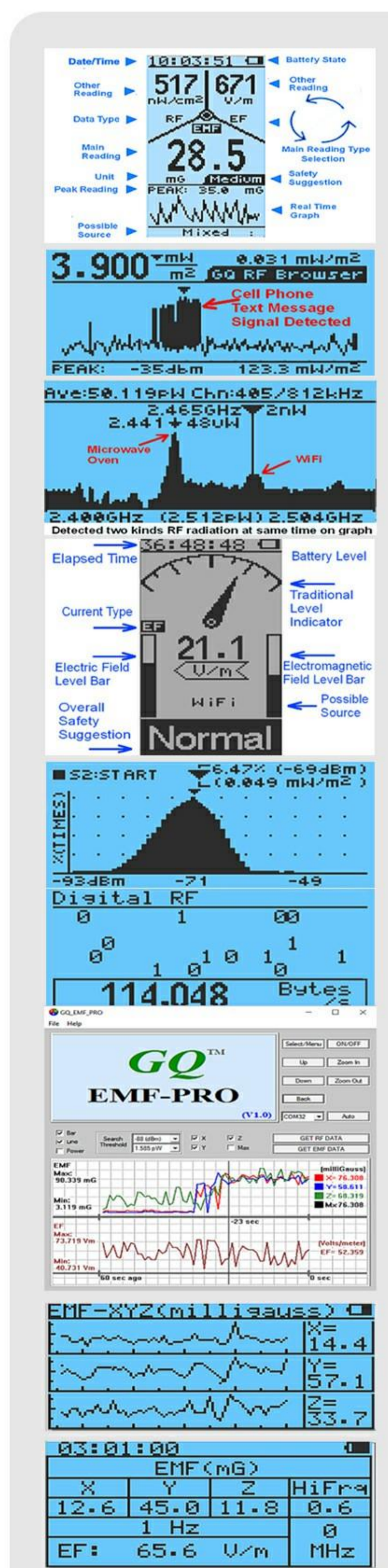
Frequency step: 25KHz – 405KHz

Frequency span: 58KHz – 812KHz



The spectrum analyzer relies on 3 specific hardware sensors which cover the 6 bands above. This is limited in order to contain the cost of the unit.

- Battery life: ~24 hours continually monitoring (on a full charge)
- Internal flash memory for data logging (EMF-390 only): 1 Mbyte
- Audible alarm: buzzer
- Visual alarm: green/red LED
- Operating temperature & humidity: 5°C to 40°C, below 80% RH (The LCD screen will not refresh properly below 5°C)
- Storage temperature & humidity: -10°C to 60°C, below 70%
- Working Voltage: 3.6-3.7V
- Display: LCD dot matrix, back lighted
- Power consumption: 25mW – 125mW (backlight dependent)
- Power supply: rechargeable 3.7 Li-Ion Battery (Size:18650) / USB Power
- Dimensions: 135 x 78 x 25 mm (5.25"x 3" x 1")



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