

what's the **frequency?**



affordable, portable
...select from our line of
**EMC Spectrum
Analyzers!**

*Pre-Compliance Testing
Radiated Emissions
Open Area or EMI Chamber testing
Radiated / Conducted Emission testing
Exposure Limit testing*

features:

Standard units of measurement include:
V/m, A/m, Tesla and Gauss
Internal sensor and external SMA input
Extended Data Logging
3D magnetic readings
ICNIRP and other recognized limits

master your EMC world...

power plants » power lines » railroad » industrial control »
military » test & design » power supplies » motors » welding »
switching electronics » medical implanted exposure concerns »
home appliances and their respective power cables » exposure
concerns from power transmission lines » transmission towers »

Kaltman Creations LLC

www.AaroniaUSA.com
864-885-0700

singular **technology** and versatile **features**

"A true price break-through in the EMC test and measurement world!!"



Handheld or connected to a PC — Ergonomic, easy to hold handheld unit with LCD display and easy-access menu. Or, use it with our custom, intuitive PC software.

Real time PC Software — USB connection, spectral and waterfall displays, exposure limit criteria, click & drag zoom, custom profiles . . . calculates several authoritative exposure limits, precautionary limits and recommendations (simply selectable via a button).

Huge 3.5" LC display — High-resolution, superb, crisp digital display (80x60mm)! FSTN quality with various numeric indicators, multi-function graphics display with 25x51 pixels = 1530 pixels, large bar-graph and various text display functions.

Power input — For external power supply and recharging the internal battery.

SMA connector — High-end gold-plated 18 GHz design with over-torque protection.

Exposure Limits Standards — ICNIRP, BGRB11, BlmSch, TCO99

DSP signal processor — Integrated high-performance signal processor (DSP) for super-fast calculations and display updates.

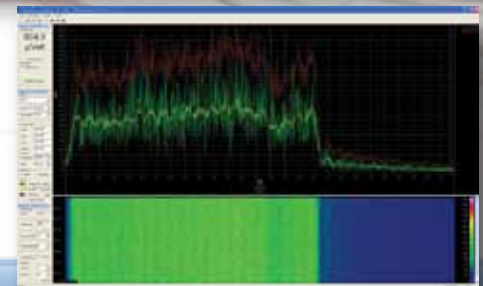
USB 2.0 connector — For computers or notebooks, for optimal utilization of our free professional PC analysis software and for firmware updates via internet.

Market Points — Unlimited, on screen markers which indicate frequency, signal level, and bandwidth between markers.

Custom Profiles — Create custom profile setting within the PC software accessible from a simple pull-down window.

Long-Term Logging — Indispensable for serious evaluation of exposure by appliances and machinery which use changing power consumption or radiation strength over time.

3D Magnetic Measurements — 1D, 2D, or 3D Magnetic measurements with our proprietary real-time 3D miniature sensor coil.



Technical Specifications – Spectran® EMC Spectrum Analyzers

	1Hz	10Hz	2kHz	10kHz	400kHz	1MHz	30MHz	Total	Typical Noise level (MIN)	Typical range (MAX)	Filter bandwidth (MIN)	Filter Bandwidth (MAX)	Typical accuracy (base unit)
Spectran® NF-1010		X	X					10Hz-2kHz	1V/m 10nT	2kV/m 100µT	5Hz	10kHz	5%
Spectran® NF-1010E		X	X	X				10Hz-10kHz	1V/m 10nT	2kV/m 100µT	5Hz	100kHz	5%
Spectran® NF-3010		X	X	X	X			10Hz-400Hz	0.1V/m 1nT	5kV/m 100µT	1Hz	300kHz	5%
Spectran® NF-3020		X	X	X	X			10Hz-400Hz	0.1V/m 1nT	5kV/m 100µT	1Hz	300kHz	3%
Spectran® NF-5010	X	X	X	X	X	X		1Hz-1MHz	0.1V/m 1nT	5kV/m 100µT	1Hz	1MHz	3%
Spectran® NF-5035*	X	X	X	X	X	X	Option	1Hz-1MHz	0.1V/m 1nT	20kV/m 2mT	1Hz	1MHz	3%

* USA version – pre-configured 12-bit DDC filter

Specifications subject to change without notice.