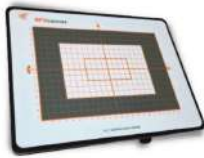


Product Guide



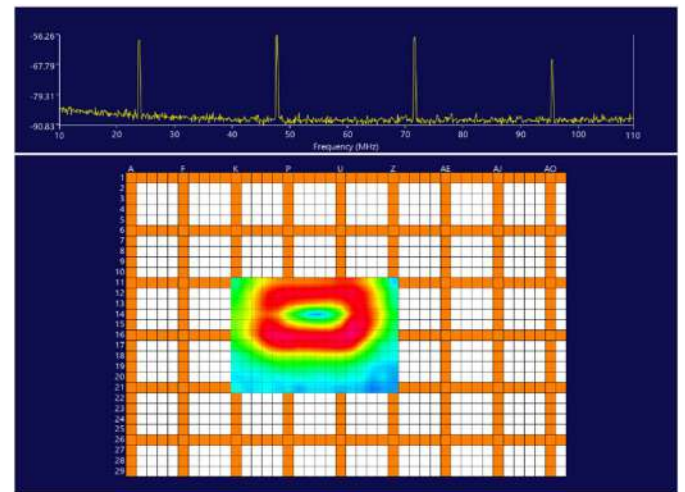
	EMScanner	EMScannerR	EMProbe
Resolution	7.5mm	0.06mm	0.20mm
Spectrum Analyzer	External	External	External
			
Use Case	PCB's, Components, Complete Products	Chips & High-Density PCB's	3D Measurement, components with height factor

	Near Field Probes Set	Near Field Probes Kit	RFScanner
Resolution	Handheld	Handheld	7.5mm
Spectrum Analyzer	External	External	Internal
			
Description	Set of 5 Probes Electric and Magnetic Probes HXY 10A02: 10 MHz – 300 MHz HXY 20A02: 100 MHz – 1.4 GHz HZ 40A02: 1 GHz – 14 GHz HXY 60A01: 1 GHz – 13 GHz E 00A02: 1.6 GHz – 18 GHz	- NFP Probe Set - Integrated Camera - EMViewer - Realtime tracking	RF Antenna Characterization Tool



EMViewer 2.0 Software

Nodes support (Multiple)	Systems support (Multiple)	Drivers & OS support & updates
Spectral scan	Spatial scan	Interpolation
Zooming	3D view	Analysis tools
Live overlay	Real-time tracking	Tracking generator
	Report generator	



About Y.I.C. Technologies Products

Y.I.C Technologies product family provides board-level design teams with world-leading fast near-field magnetic data to help diagnose EMC design issues.

EMC product line consists of **EMScanner**, **EMScannerR**, **EMProbe** and **NFPKit**. These instruments capture and display visual images of spectral and spatial scan results in seconds. This allows the design team to immediately analyze and compare design iterations. PCB designers can scan any board to identify both constant and time-based emission sources in the range of 150 kHz to 8 GHz.

EMScanner consists of a patented scanner and a compact adaptor, a customer-supplied spectrum analyzer and a PC running **EMViewer** software. Keysight IO software application must also be installed on the customer-supplied PC. The patented scanner consists of an array of 1,218 H-field (magnetic) probes spaced every 7.5 mm which provides an effective 3.75 mm resolution. The system operates from 150 kHz to 8 GHz.

EMScannerR is a self-contained high resolution near-field scanning. Simply connect the **EMScannerR** into the PC with an Ethernet connection, install the **EMViewer** software on the customer-supplied PC and begin measurements. The system operates from 150 kHz to 8 GHz.

The **EMScannerR** stepper motors provide 0.06 mm incremental measurement steps.

EMProbe is a repeatable high-resolution EMC and EMI diagnostic solution with a single probe robotic arm. Different models of robotic arms can be used, based on the desired size and resolution of the device under test.



NFPKit is an EMC solution where the probes are used to identify, locate, and characterise potential sources of electromagnetic radiation.

RF product line consists of RFScanner. The RFScanner measures the amplitude and phase of near-field magnetic emissions and uses these data provides far-field patterns, bisections, EIRP and TRP and other parameters in seconds.

RFScanner is an Antenna Test & Characterization tool.

Contact Details

If you need any further information about any of the above products, please get in touch.

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