

EMProbe CR5

CUSTOM ROBOTIC NEAR-FIELD EMI SCANNING

Custom configuration - request a quote



A larger-reach robotic solution for investigating emissions around DUTs, components and assemblies. Combine a six-axis robot, application-specific probe mounting and EMViewer control with a compatible external spectrum analyzer.

Example configuration only. Final specifications, workspace and supply scope are defined by quotation. This overview is not a fixed product datasheet.

Example robot capability	Value
Axes / payload	6 axes / 5 kg
Working radius	900 mm; usable scan envelope depends on probe and fixture
Position repeatability	+/-0.02 mm (mechanical; not RF spatial resolution)
Robot mass / supply	23 kg / 48 V DC
Maximum joint speed	180 degrees/s
Maximum TCP speed	3 m/s robot capability; measurement speed is application-specific
Communication	Ethernet TCP/IP
Control and mapping	EMViewer 2.0; scan control, synchronized acquisition, 2D/3D maps
RF coverage	Defined by selected probes, RF cable and external analyzer

Configure around your application

Specify DUT dimensions, scan surfaces, frequency range and probe models. Probe adapters, robot mounting, cable management, scan paths and integration are tailored to the project. Y.I.C. electric/magnetic probes or agreed third-party probes may be specified.

A compatible spectrum analyzer and Windows 11 PC are required unless included in the quotation. Installation, training, commissioning, safety assessment and acceptance-test scope are agreed for each system.

Absolute EMC LLC | absolute-emc.com

Prepared from Y.I.C. application information. Example values are subject to configuration confirmation.