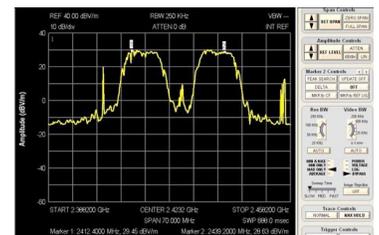
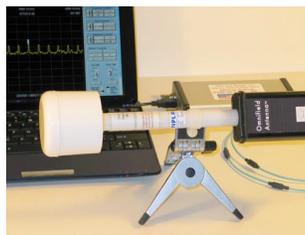
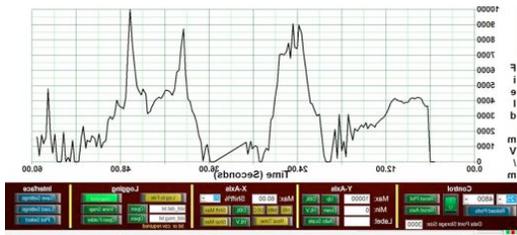


# EMC Test Design, LLC Products Short Catalog

# 2016



## Probes Selection

Probe: PI-SH ICNIRP or FCC Shaped Electric	100 KHz-8 GHz	0.5 - 1000% of STD (Power Density)		Meter: RFP-05M
Probe: PI-05 Electric	1 MHz - 40 GHz	2-1000 V/m.		Meter: RFP-05M
Probe: PI-03P Pulsed Electric	100 MHz - 18 GHz	70-1400 V/m. RF pulse width > 1 us.		Meter: RFP-05M
Probe: PI-03 Electric	3 MHz - 18 GHz	0.8 – 800 V/m		Meter: RFP-04, RFP-05M
Probe: PI-01 Electric	0.2 MHz - 3 GHz	0.2 – 600 V/m		Meter: RFP-04, RFP-05M
Probe: PI-01C Selective Electric	500 - 3000 MHz	0.4 – 500 V/m		Meter: RFP-04, RFP-05M
Probe: PI-01LF Electric	10 KHz - 3 GHz	0.2* – 600 V/m (* Depends on frequency, see the data sheet.		Meter: RFP-04, RFP-05M
Probe: PI-01V Selective Electric	900-1900 MHz. Dual GSM band.	0.4 – 400 V/m		Meter: RFP-04, RFP-05M
Probe: PI-01E Electric	0.1 MHz - 6 GHz	0.3 – 600 V/m		Meter: RFP-04, RFP-05M
Probe: PI-H1 Magnetic	500 KHz - 50 MHz	0.05 – 20 A/m		Meter: RFP-05M

**Note:** Kits with broadband probes PI-01, PI-01LF, PI-01E, PI-03 and PI-05 come with Field Gauge, \$400.

## Meters Selection: Smart Fieldmeter® Digital and Smart Fieldmeter®

<p><b>Smart Fieldmeter® Digital Model: RFP-05M</b></p>	<p><b>0.2-3000 V/m 0.01-100A/m (depending on the probe used)</b></p>	<p>Calibrated with up to <b>four</b> probes at the same time. Supports all present and future probes. <b>Accessories (optional) include:</b> bidirectional RS232, USB and Fiber Optic isolated modems, GPS and IR Remote.</p>	
<p><b>Smart Fieldmeter® Model: RFP-04</b></p>	<p><b>0.2-800 V/m (depending on the probe used)</b></p>	<p>Calibrated with <b>one</b> probe selected at purchase. Supports most of electric probes (see the table above). <b>Accessories (optional, limited quantities) include:</b> RS232, USB and Fiber Optic isolated data readout modems.</p>	

## Main PC Link Accessories

<p><b>IM-MU</b></p>	<p>Insulated USB Modem.</p>	<p>Allows charging and bidirectional communication between PC and meter <b>RFP - 05M.</b></p>	
<p><b>FOLK-02</b></p>	<p>Fiber Optic Link Kit. Includes two bidirectional modems IM-MF, IM-PF and 10-meter (30') bi-line <u>fiber optic</u> cable.</p>	<p>Makes seamless fiber optic connection of <b>RFP-05M</b> meter with PC for data streaming. Eliminates all wires.  #1. Optional cable -20 m. #2. Optional cable 50 m.</p>	
<p><b>ODLK-01</b></p>	<p>Optically Decoupled Link Kit. Includes Data Cable and TTL/RS232 bidirectional converter with <u>optical Isolator</u>. Serial isolated RS232 output.</p>	<p>Allows bidirectional communication between PC and meter <b>RFP-05.</b></p>	
<p><b>FOLK-01</b></p>	<p>Fiber Optic Link Kit. Includes two bidirectional RS232/Optic converters and 10-meter (30') bi-line <u>fiber optic</u> cable.</p>	<p>Makes seamless fiber optic connection of <b>RFP-05</b> meter with PC for data streaming. Requires <b>ODLK-01.</b>  #1. Optional cable -20 m. #2. Optional cable 50 m.</p>	

## Omnifield Antenna® and Selective Field Analyzer

<p><b>OFA-S/SE</b> Active Broadband Isotropic Antenna</p>	<p>30 MHz-3 GHz</p>	<p>1 mV/m-30 V/m (SE)  10 mV/m-300V/m (S)</p>	
<p><b>SFA-S</b> Selective Field Analyzer. Includes OFA-S/SE Broadband Isotropic Antenna and SA-S Spectrum Analyzer</p>	<p>30 MHz-3 GHz</p> <p>SA-S Spectrum analyzer has preprogrammed OFA-S antenna factors.</p>	<p>1 mV/m-300 V/m</p>	

### Calibration

All probes and antennas are calibrated in our test lab, traceable to UK NPL  
(United Kingdom National Physical Laboratory).  
The new probe price includes the Calibration Certificate.

The regular (one or two years interval)  
recalibration:

PI-01 (ALL VARIANTS), PI-H1

PI-03, PI-SH

PI-05, PI-03P

### EMC Test Design Products

You may find more information about our products: [Smart Fieldmeter®](#),  
[Smart Fieldmeter® Digital](#) and [Omnifield Antenna®](#) at our web site: [www.emctd.com](http://www.emctd.com).  
Inquire by e-mail [exid@emctd.com](mailto:exid@emctd.com), or give us a call: 508-292-1833.  
We can arrange the demonstration of our products by our distributor in your country.  
Our mail address: EMC Test Design, LLC® P.O. Box 600532, Newton, MA 02460, USA.

Designed and made in the USA.



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