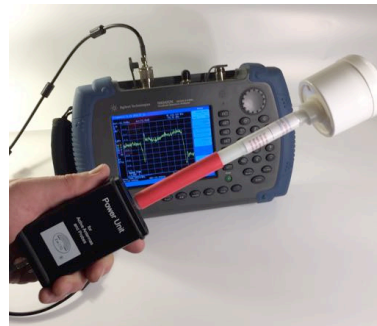
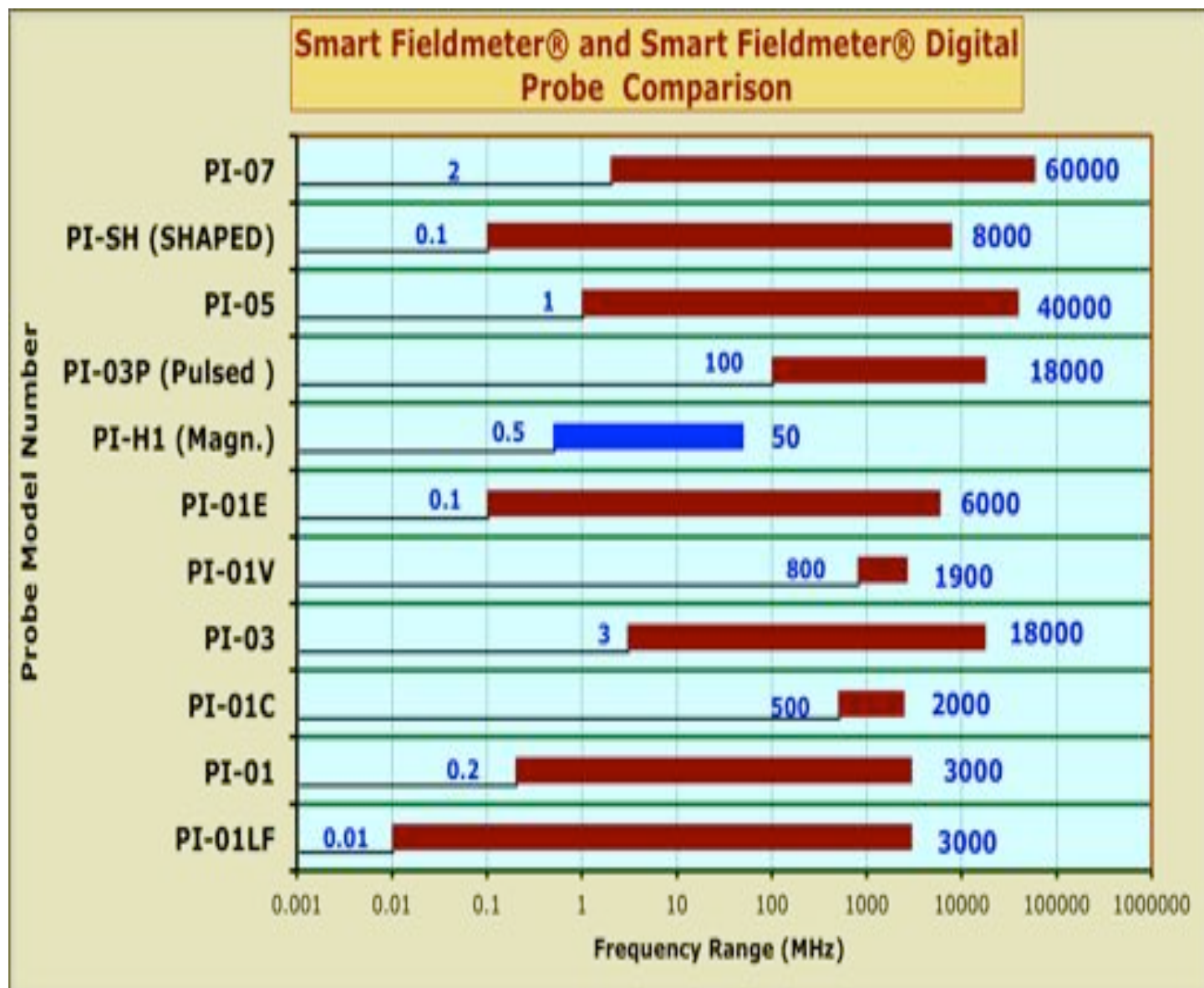


EMC Test Design, LLC Products Catalog

2020



Probes Selection














Field Gauge

Field Gauge

Convenient performance tester for Smart Fieldmeter® and Smart Fieldmeter® Digital instruments. Kits with broadband probes PI-01, PI-01LF, PI-01E, PI-03 and PI-05 come with Field Gauge.



Allows verification of meters, probes and connecting cables in seconds. Does not substitute the regular calibration procedure.







Probe: PI-07 Electric. NEW!	2 MHz - 60 GHz	4-1000 V/m.		Meter: RFP-05M
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

Meters Selection:

Smart Fieldmeter® Digital and Smart Fieldmeter®

Smart Fieldmeter® Digital Model: RFP-05M	0.2-3000 V/m 0.01-100A/m (depending on the probe used)	Calibrated with up to <u>four</u> probes at the same time. Supports all present and future probes. <u>Accessories (optional) include:</u> bidirectional RS232, USB and Fiber Optic isolated modems, GPS and IR Remote.	
Smart Fieldmeter® Model: RFP-04	0.2-800 V/m (depending on the probe used)	Calibrated with <u>one</u> probe selected at purchase. Supports PI-01 and PI-03 probes (see the table above). <u>Accessories (optional) include:</u> <u>Battery powered DC voltage recorders.</u>	

Meter RFP-05M PC Link Accessories

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

EMC Test Design Product Selection Chart



EMC Test Design Product Selection Chart

One selected probe: PI-01, PI-01E or PI-03



Meter RFP-04



PCLK-01 with Isolated
RS232 Port
(Requires PC with
RS232 Port)



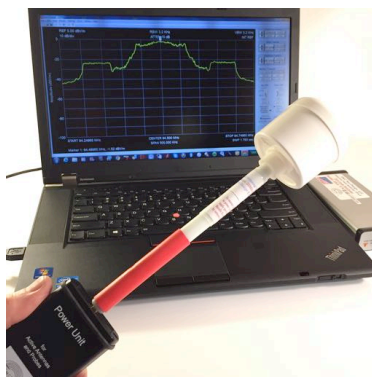
Isolated USB IR Port
Multimeter with
Isolated USB IR Port



Computer with
RS232 /USB Port

30 MHz-6 GHz Isotropic Omnifield Antenna® and Selective Field Analyzer

<p>OFA-G Active Broadband Isotropic Antenna NEW!</p>	30 MHz-6 GHz	0.5 mV/m-50 V/m	
<p>OFA-GH Active Broadband Isotropic Antenna High Field Strength Levels NEW!</p>	30 MHz-6 GHz	10 mV/m- 600 V/m	
<p>SFA-S/J Selective Field Analyzer. Includes OFA-G Broadband Isotropic Antenna and USB spectrum analyzer: SA- S (1 Hz-4.4 GHz) or SA-J (100 KHz-12.4 GHz)</p>	<p>30 MHz-4.4 GHz</p> <p>30 MHz-6 GHz</p>	<p>0.5 mV/m-50 V/m</p> <p>SA-S (or J) Supplied with SD card having measured OFA-G antenna factors.</p>	



PC is not included.

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-07, 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.

Inquire by e-mail exid@emctd.com, or give us a call: [508-292-1833](tel: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.](#)



®

