



raditeq

Data Sheet

# Conducted Immunity Test Bundle

The Compact & Modular Test Systems



[raditeq.com](http://raditeq.com)

21/07/21

**em**  
Service

**EMC SOLUTIONS**  
[www.emv-service.com](http://www.emv-service.com)



# Conducted Immunity Bundle

All you need for CI-Testing

## Consists of:

• RadiCentre®	Modular Test System	A two slot Modular Test System
• RadiGen®	Signal Generator	Signal generation from 9 kHz to 400 MHz
• RadiAmp®	Solid State Power Amplifier	Amplification from 25 Watt up to 200 Watt
• RadiPower®	BCI Control Plug-in Card	Control Plug-in Card For the RadiPower® Power Meter
• RadiPower®	USB RF Mower Meter	USB RF Power Meter For CI Testing
• RadiMation®	Automated Software	Pro Version of RadiMation® Especially for performing CI testing

## System advantages

• Compact:	Compact system bundle with easy setup
• Modular:	Future extendable, upgradeable & easy service
• Flexible:	Can be adopted to customer specific CI test needs, like frequency- and RF power range, additional power meters (reverse- and sensing power)
• State-of-the-art:	Shared and proven technology from Raditeq & BONN
• High quality:	1 years warranty on hardware ( An extra 4 years of warranty are added after the RadiAmp® is registered at: <a href="http://www.raditeq.com">www.raditeq.com</a> )



# Product Technical Specifications

RadiCentre® CTR1004B	
Number of slots for Plug-in cards	2
Display (TFT touchscreen)	7" TFT / WVGA
Dimension / Weight	3 HU, 19" system / 7 kg
Operating system	Linux
RadiGen® RGN2400A	
Frequency range	9 kHz to 400 MHz
Output level <sup>1</sup>	-70 dBm to +13 dBm
Output settling time	<1 msec
Output connector	Output LF, SMA
Modulation types	CW, AM, FM, PM and gated pulse
RadiPower® RPR2006C	
Frequency range	9 kHz to 6 GHz
Power measuring range	-55 dBm to +10 dBm
Maximum SWR	1.05 @ below 100 MHz
Frequency response accuracy	±0.25 dB
Measuring speed	20 kSps, 100 kSps or 1 MSps
RadiMation® Pro License RMP3002A	
USB license	Conducted immunity module incl. test report generator
Support / upgrade service	2 years included

RadiAmp Model	Frequency range	Output power, CW min / typical	Weight	Harmonics (2nd)	Acoustic noise level
RPA0925A-025	9 kHz - 250 MHz	25 / 30 W	10 kg	20 dBc	57 dB(A)
RPA0925A-075	9 kHz - 250 MHz	75 / 100 W	20 kg	20 dBc	57 dB(A)
RPA0940A-040	9 kHz - 400 MHz	40 / 50 W	20 kg	20 dBc	57 dB(A)
RPA0940A-075	9 kHz - 400 MHz	75 / 100 W	22 kg	20 dBc	57 dB(A)
RPA0940A-100	9 kHz - 400 MHz	100 / 120 W	30 kg	20 dBc	57 dB(A)
RPA0940A-150	9 kHz - 400 MHz	150 / 200 W	30 kg	20 dBc	57 dB(A)
RPA0940A-200	9 kHz - 400 MHz	200 / 250 W	30 kg	20 dBc	57 dB(A)

Models	Specifications
RCT0230A	CI Test Bundle 9 kHz - 250 MHz @ 25W
RCT0230X	CI Test Bundle 9 kHz - 250 MHz @ 75W
RCT9400A	CI Test Bundle 9 kHz - 400 MHz @ 40W
RCT9400B	CI Test Bundle 9 kHz - 400 MHz @ 75W
RCT9400C	CI Test Bundle 9 kHz - 400 MHz @ 100W
RCT9400D	CI Test Bundle 9 kHz - 400 MHz @ 150W
RCT9400E	CI Test Bundle 9 kHz - 400 MHz @ 200W

**em**  
Service

**EMC SOLUTIONS**

[www.emv-service.com](http://www.emv-service.com)



**emv Service GmbH**

Ohmstr. 11  
83607 Holzkirchen  
Germany

+49 8024 470 08-0  
[info@emv-service.com](mailto:info@emv-service.com)  
[www.emv-service.com](http://www.emv-service.com)