



# DARE!!

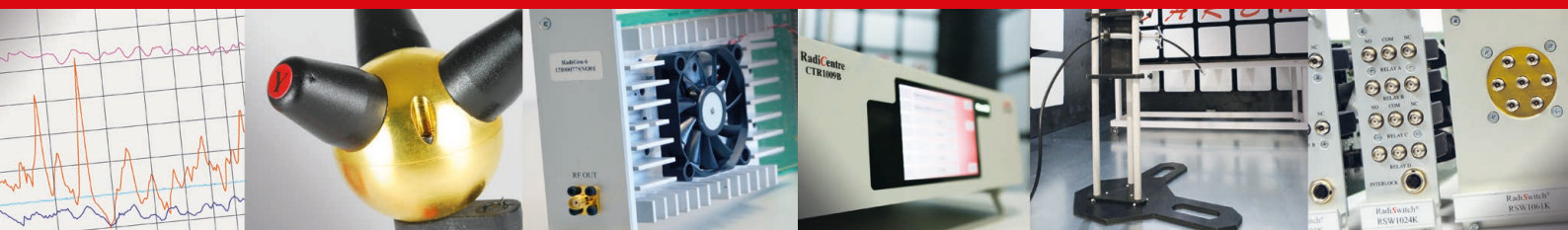
For a safe and interference-free world

## RadiField® Total Solution

### 1 - 6 GHz Radiated Immunity Test System

- RadiCentre Multifunctional EMC test system
- RadiField 1-6 GHz @ 10 V/m field generator
- RadiTower mast with automatic H/V positioner
- RadiGen 9 kHz to 6 GHz signal generator
- RadiSense 10 MHz to 6 GHz field probe
- RadiSwitch coaxial switch card
- RadiMation Full package EMC test SW
- Complete set of test accessories

[www.dare.eu](http://www.dare.eu)



**DARE!!**  
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# RadiField® Total Solution

Technical Specifications



## RadiCentre CTR1009B#020



### Performance

Number of slots for Plug-in Cards	7
Display (TFT touch screen)	7" TFT / WVGA (800x480)
Backplane	Intelligent versatile backplane
Dimensions	19" wide - 3U, 132mm (h) x 312mm (d)
Weight	7 kg
Operating System	Linux
Interfaces	RS232, USB, LAN, GPIB-488

## RadiField RFS2006B



### Performance

Frequency range	1 GHz – 6 GHz
Three Meter Equivalent (TME) Field <sup>1</sup>	10 V/m
Input connector	N-type
Max. input power to reach TME Field <sup>1</sup>	0 dBm
Weight	11 kg
Number of internal power meters	2 (forward + reflected)
Directional coupler	integrated

<sup>1</sup>) Three Meter Equivalent (TME) Field: 1,5 m x 1,5m Homogeneous field @ 3 m and 2 dB field compression according to IEC 61000-4-3

## RadiGen RGN6000B



### Performance

Frequency range	9 kHz – 6 GHz
Output level range	-70 dBm to +10 dBm
Output level settling time	< 500 µs
Output connector	2x sma, LF output + HF output
Modulation types	CW, AM, Pulse and Gated Pulse
Frequency error	< 20 ppm
Frequency resolution	1 Hz

## RadiSense RSS1006A



### Performance

Frequency range	10 MHz – 6 GHz
Measuring range	0.5 V/m to 600 V/m
Maximum input level	1500 V/m
Frequency response	± 3.0 dB (1 GHz to 6 GHz)
Linearity	± 0.5 dB +/- 0.5 V/m
Isotropic deviation	< ± 0.25 dB @ 1 GHz
Electrical measuring volume	52 cm <sup>3</sup>

## RadiTower RTW2000A



### Performance

Mast height	2 meter
Type	Non reflective
Height adjustment	manual
Antenna polarisation	Automatic H/V
H/V control	Through RadiField supply card

For more information contact DARE!! Instruments at:

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RadiField Total Solution – February 2018 – version 1 | Specifications are subjected to change without notice.