





Radome Measurement System			
	RMS-D-77/79G	RMS-C-A2-77/79G	
	 <p>Including scanning option</p>	 <p>Including 150mm arm extension</p>	
<b>Application</b>	Automotive radar cover (radome) evaluation and material (plastic, coatings, ...) characterization	Automotive radar cover (radome) measurement	
<b>Application field</b>	laboratory	Production (end-of-line testing)	
<b>Frequency range</b>	76 to 81 GHz (full 77/79G automotive radar bands)		
<b>Measured values</b>	1-way-transmission in amplitude and phase relative permittivity and dissipation factor	1-way-transmission in amplitude and phase	
<b>Measurement accuracy</b>	±0.1dB / ±1deg		
<b>Dynamic range</b>	> 40dB		
<b>RF transmit power</b>	~10mW		
<b>Phase noise 77GHz</b>	-93 dBc/Hz@100 kHz offset, typ		
<b>Power supply</b>	85 ~ 264 VAC, 47 ~ 63Hz	24 VDC	
<b>Weight [kg]</b>	45	23	
<b>Dimensions [mm]</b>	815 x 530 x 420 (H x L x W)	500-650 x 440 x 380 (H x L x W)	
<b>Options</b>	xy scanning option	50, 100 and 150mm arm extension	
<b>2in1</b>	Radome evaluation	✓	✓
	Material characterization	✓	-