





Radome Measurement System			
	RMS-D-77/79G	RMS-C-A2-77/79G	
	 <p>RMS-D including scanning option</p>	 <p>RMS-C Including 150mm arm extension option</p>	
Application	Automotive radar cover (radome) testing and material (plastic, coatings, ...) characterization	Automotive radar cover (radome) testing	
Application field	Laboratory	Production (end-of-line testing)	
Frequency range	76 to 81 GHz (full 77/79G automotive radar bands)		
Measured values	1-way-transmission in amplitude and phase relative permittivity and dissipation factor	1-way-transmission in amplitude and phase	
Measurement accuracy	±0.1dB / ±1deg		
Dynamic range	> 40dB		
RF transmit power	5mW (harmless according to ICNIRP guideline)		
Phase noise 77GHz	-93 dBc/Hz@100 kHz offset, typ		
Power supply	85 ~ 264 VAC, 47 ~ 63Hz	24 VDC	
Weight [kg]	45	23	
Dimensions [mm]	815 x 530 x 420 (H x L x W)	500-650 x 440 x 380 (H x L x W)	
Options	xy scanning option	50, 100 and 150mm arm extension	
2in1	Radome evaluation	✓	✓
	Material characterization	✓	-