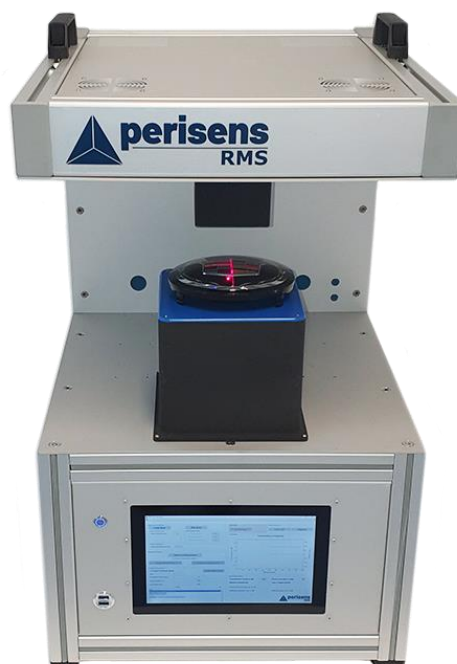




RMS-D-77/79G Radome Measurement System



Application	radar cover (radome) evaluation and material measurement for automotive radar sensors
Application field	laboratory and production
Frequency range	76 to 81 GHz (77/79G automotive radar bands)
Measured values	1-way-transmission in amplitude and phase complex permittivity
Measurement accuracy	$\pm 0.1\text{dB}$ / $\pm 1\text{deg}$
Dynamic range	> 40dB
RF transmit power	~10mW
Phase noise 77GHz	@10 kHz: -90 dBc
Weight	45kg
Dimensions [mm]	340(W) x 430(L) x 815(H)

2in1	Radome Evaluation	✓
	Material Characterization	✓