



JR TECHNOLOGY  
LIMITED

REINFORCED PLASTICS  
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PRODUCTION ENGINEERS

Comparison Chart for Model A8-AF Radome Moisture Meter &  
Model M50 Radome Moisture Monitoring Portable Inspection Kit :

FEATURES	MODEL A8-AF RADOME MOISTURE METER	MODEL M50 RADOME INSPECTION KIT
Mode of use	Handheld; handset & probe	Handheld; handset & probe
Handset to Probe Lead Length	32 inches	1.5 metres
Power Source	Rechargeable battery, factory replaceable	Rechargeable battery, user replaceable
Battery Charging	115 VAC or 220 VAC models available	100 - 240 VAC, or via USB
Battery State Indicator	Yes, analogue indication	Yes, digital indicator
Pre-Set Radome Types	No	Solid, Sandwich & Foam
Display	Analog dial with 4 colour traffic light go/no-go indication & numerical scale 0 - 50	Digital with 3 colour traffic light go/no-go indication & moisture scale 0 – 15%
Audible alarm	No	Yes
Self-Diagnostics	No, but has inbuilt test piece	Yes & external test piece available
Data Logging	No	Yes, with time, date, material type logged
Measurement Method	Radio frequency, dielectric constant on surface only	Low frequency, dielectric constant on surface & depth
Probe Face	Multiple spring loaded pins on probe, approx 3 inch diameter	Aluminium case with flat, PTFE face, 57 mm diameter
Accidental contact to metal surface	Can cause damage to unit	Shows saturated value; no damage to unit
Traceable Certification in accordance with BS EN ISO/IEC 17025:2005	No	Yes



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