



## SmartScan EMC Scanner Models

### Main Features

Categories	SmartScan - M	SmartScan - L	SmartScan - 350 / 550	SmartScan - 3D
Platform	Tabletop	Tabletop	350 – Tabletop 550 – Stand-alone	Stand-alone
Probe positioning	Manual	XYZ slide	350 mm, 4-axis robot 550 mm, 4-axis robot	650 mm, 6-axis robot with a rotary table
Scan areas	1225 cm <sup>2</sup> (35 cm X 35 cm)	900 cm <sup>2</sup> (30 cm X 30 cm)	1450 cm <sup>2</sup> / 4500 cm <sup>2</sup>	10750 cm <sup>2</sup>
Z-axis rotation	NA	0 or 90 degree two positions by manual turn	Motor driven 0 to 360 degree by any angular step	Motor driven 0 to 360 degree by any angular step
Z-stroke	NA	7.5 cm	15 cm / 18 cm	30 cm
Accuracy	1 mm	100 um	25 um	25 um
Dimensions / Weights	16" X 17 3/4" X 20" 8 Kg	18" x 18" x 24" 20 Kg	350 – 26" x 24" x 30" 35 Kg 550 – 48" x 32" x 68" 75 Kg	63" x 42" x 70" 80 Kg



Integrated comb generator	N/A	N/A	✓	✓
Integrated camera	✓	✓	✓	✓
Touch sensor	N/A	✓	✓	✓
Telescopic Z motion	N/A	✓	✓	✓
<b>Software</b>	SmartScan - M	SmartScan - V5	SmartScan - V5	SmartScan - V5
EMI / Field calculation	✓	✓	✓	✓
Phase measurement	N/A	✓	✓	✓
Emission source microscopy	N/A	✓	✓	✓
ESD	✓	✓	✓	✓
Current spreading	N/A	✓	✓	✓
RF immunity	✓	✓	✓	✓
Resonance	✓	✓	✓	✓
3 D scan	N/A	N/A	N/A	✓
Mini shielding chamber	N/A	✓	✓ (350 only)	N/A

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Electromagnetic Immunity Scanner

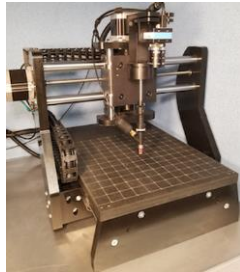
# SmartScan

**api**  
amber precision instruments

SmartScan - M



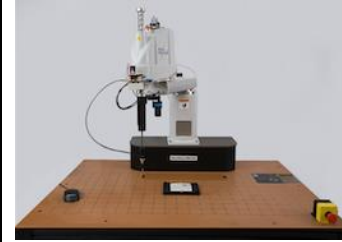
SmartScan - L



SmartScan - 350



SmartScan - 550



SmartScan - 3D

