

# Technical Specifications- The SC1000

Category	Technical Spec	Comments
Technology	SolveTech's proprietary capacitance technology	Non hazardous low voltage electric field
Precision	Standard Head: 0.004 mils/0.1Micron	Typically 0.4% of material thickness.
Measurement Footprint Area	0.5" x 1.5"	Footprint shape is customizable
Static Repeatability	042 Head: +/- 0.004 mils (0.1 microns)	Or 0.4% of material thickness
Material Thickness Range	Standard Head: 0.1 to 35 mils (2.5 to 381 micron)	Special heads available for materials up to 0.25" thick (6.35 mm)
Voltage	110V 60Hz Standard/220V Available	All international frequencies and voltages available
Weight	30.5 lbs/ 13.8 kgs	
Dimensions	17.75" deep x 14" wide x 8" tall ( 45.1 cm x 35.6 cm x 20.5 cm)	
Data Collection	Reading taken every time a foot pedal is pressed.	Can be exported to Excel easily
Linearity	+/- 0.1%	Linearity greatly reduces calibration recipe count (Market Leading)
Stability	Calibration stable year after year	(Market Leading)

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