

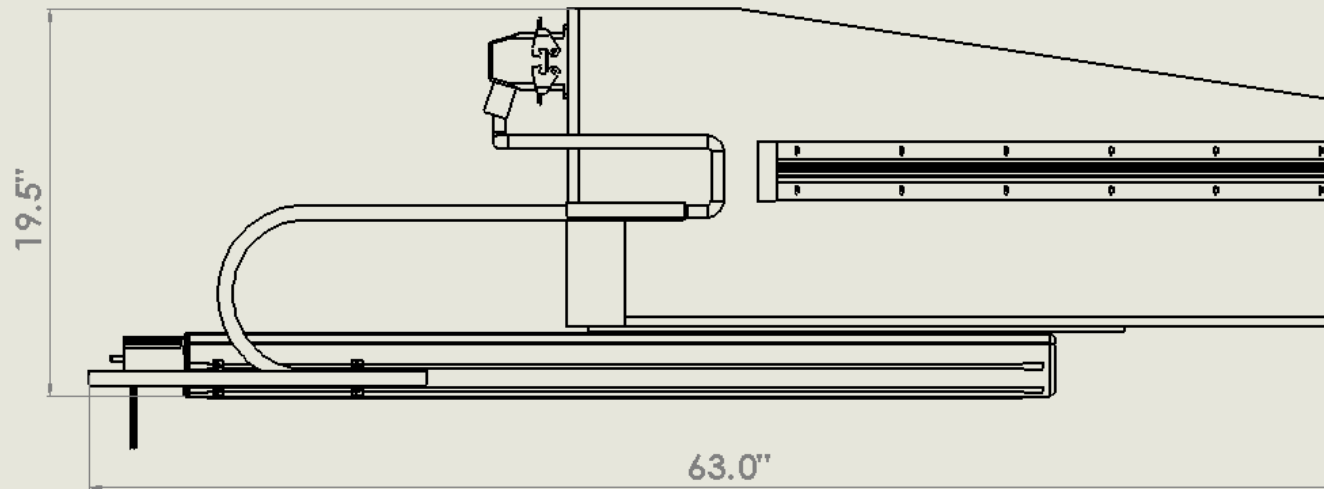
Technical Specifications- The MC5600

Category	Technical Spec	Comments
Technology	SolveTech's proprietary capacitance technology	Non hazardous low voltage electric field
Precision	0.01 mil (0.25 Micron)	Typically 1% to 0.1% of material thickness. Higher and lower precision is possible depending on measurement footprint design
Material Thickness Range	0.1 to 80 Mils (2.5 to 2032 micron)	Customizable – Can handle up to ½” thick materials
Measurement Gap	Typically 0.1” to 0.25”	Customizable – Up to 1” possible
Voltage	110V 60Hz Standard/220V Available	All international frequencies and voltages available
Typical Channel Size	1 inch in the cross web, 2 inches in the machine direction	Channel size is customizable
Channel Count	2 to 32 Channels	Only gauge on the market that offers multiple independent channels directly adjacent to each other.
Data Collection	Every Second	
Travel Distance of the Slide	Exceeds the throat depth on the unit	Other lengths available upon request
Linearity	+/- 0.1%	Reduces the flutter effects in the gauge, and reduces recipe count. Market leading pass line performance
Stability	Stable year after year, no recalibration required	Market Leading

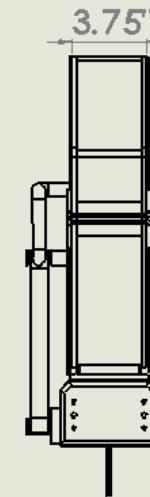
Example Dimensions (Each head is custom)

Example Dimensions for a Custom Head and Slide

Side View



Front View



Example Channel Layout (Customizable)

-32 Channels with 1" x 2" Channels Shown

