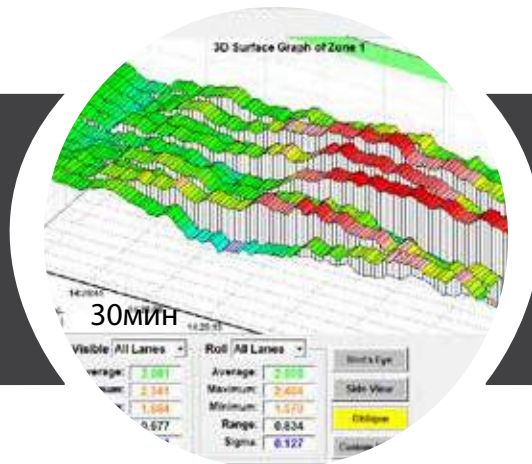


MULTICHANNELTM ARRAY GAUGE

SolveTech^{INC}

**Measure
Quality**



**Monitor
Thickness**

Get the True Profile of your Product Thickness Online

- Plastic Film
- Ceramics
- Coatings
- Converted Films
- Nonwovens

EASILY COLLECT THE BEST DATA...

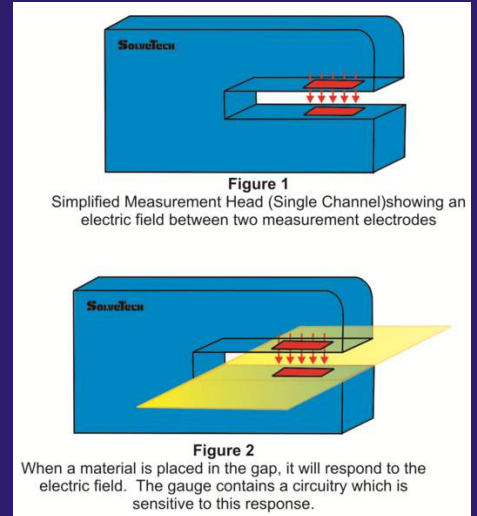
The Only MultiChannel Gauge With a Customizable Channels

SolveTech's Proprietary Capacitance Technology

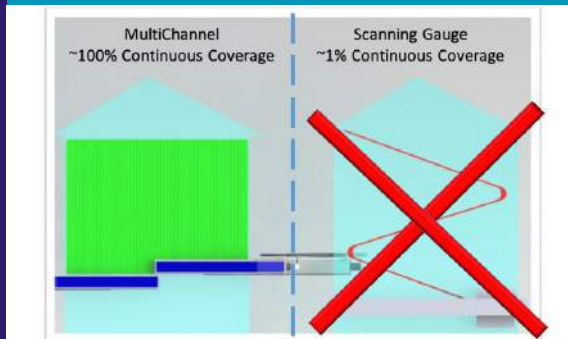


- High Precision (0.1% to 1%)
- Non Contacting
- Non Hazardous
- Excellent for Narrow Webs (<60 Inches)

Our proprietary technology has allowed us to create the MultiChannel Array Gauge which can be designed to have channels directly adjacent to each other. When material is placed in the gauge head, the disturbance to the electrical field for each channel is individually detected. We calibrate this to read thickness or mass per unit area with market leading accuracy and reliability.



SOLVETECH PROVIDES YOU WITH A TRUE PROFILE WITH NEARLY 100% COVERAGE

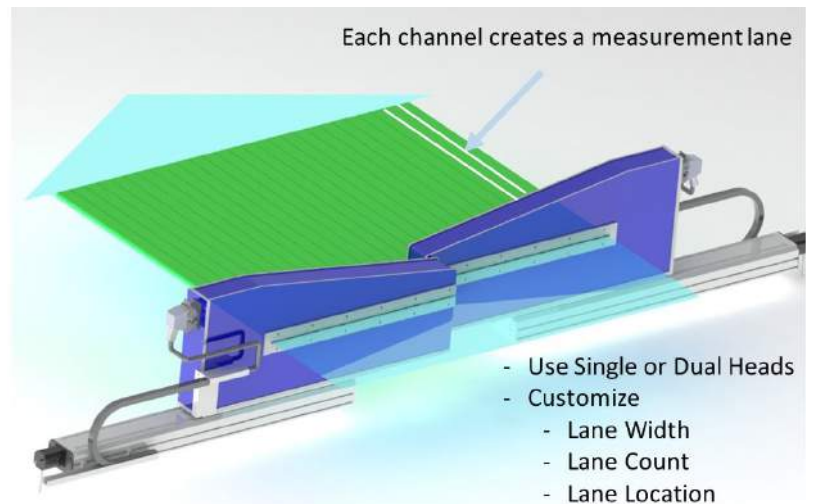


The multiple channel arrangement is unlike anything else on the market. It doesn't scan the web, it continuously monitors the entire web. This allows you to see the true profile of the material, and to see what is happening in the cross web and machine direction for the most comprehensive monitoring available.

DELIVERS THE CROSS WEB AND DOWN WEB PROFILE SIMULTANEOUSLY

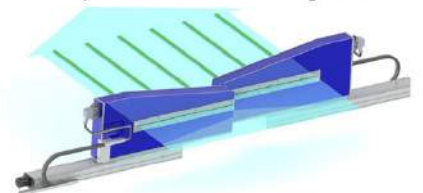
Customizable with Up To 32 Channels

We deliver the solution the customer needs

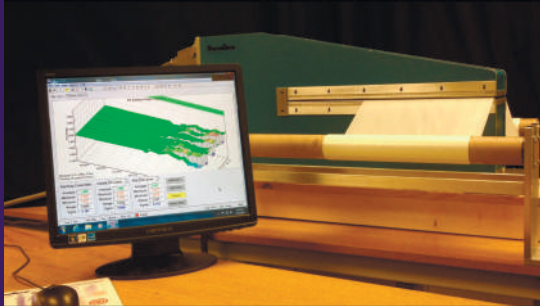


Measure in particular location, or cover the entire web, the choice is yours. Our technology can easily customized to meet your unique situation.

Example Custom 6 Lane Configuration

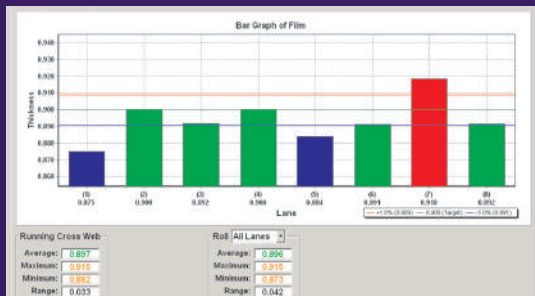


...AND MAKE THE MOST OF THE DATA COLLECTED



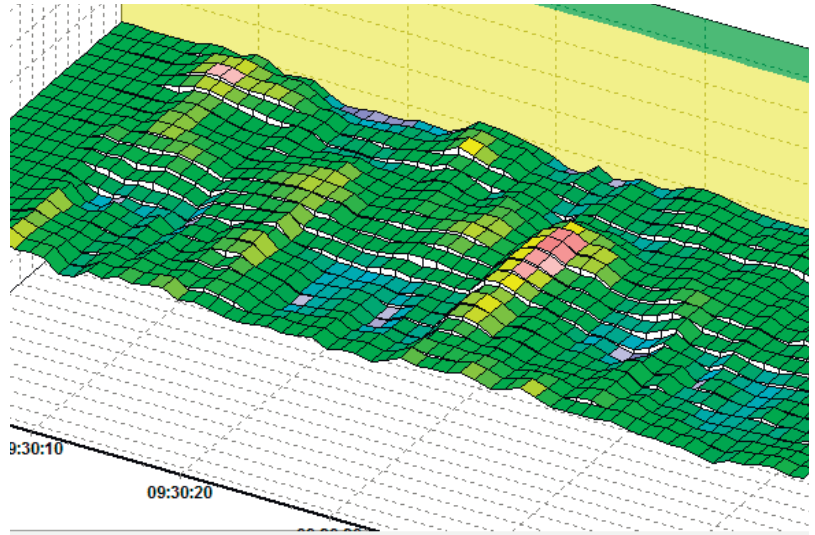
REAL TIME DATA COLLECTION

SolveTech's capacitance technology is high speed, outputting the thickness entire web profile every second. This 1 second data point is the average of 100 readings per second, making it highly reliable. Other systems that scan take minutes to deliver data that never even shows the true profile due to machine direction variability.



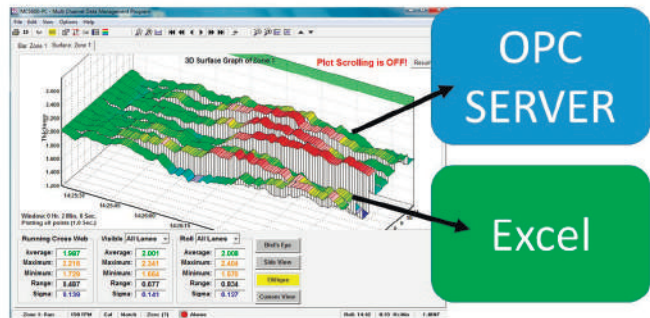
MULTIPLE VIEWS

Our software allows you to view the data in 3D or in a bar graph as shown above. The bar graph is a great view to use when optimizing an extruder during setup.



Visualize Data With The SolveTech Software

Our custom software package allows you to see 3D views of your material in real time. You can also switch to a bar graph view to easily see where you can make adjustments to your extruder. The 3D views allow you to see both cross web and down web behavior at the same time. The real time feedback allows you to set your die quickly and easily.



Create Roll Reports, Export Your Data To Excel Or Utilize Our OPC Server

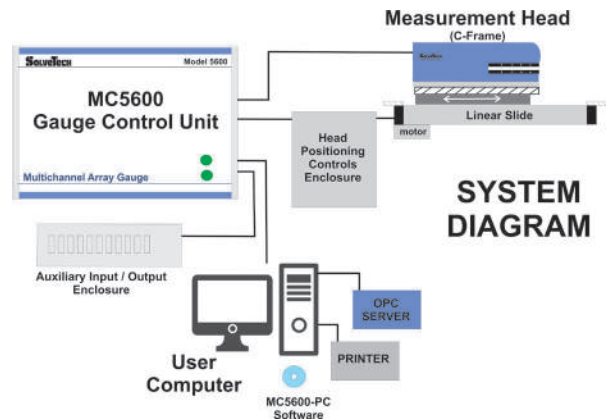
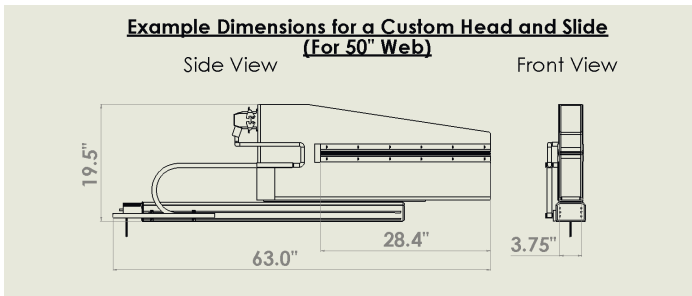
We know accessing and analyzing your data is important to you. We create custom data files, but we can also export to Excel or text files. In addition, our software can interface with an OPC Server. We offer these features to help you make the most of your data.

MULTICHANNEL ARRAY GAUGE TECHNICAL DATA

FEATURE	SINGLE HEAD	DUAL HEAD
NUMBER OF CHANNELS	1 to 32	2 to 32
MAX WEB WIDTH FOR FULL COVERAGE*	30"	60"
VOLTAGE REQUIREMENTS	110 V, Other voltages available upon request	
ACCURACY	0.1% to 1% Depending on Application (0.01 mils/0.25 micron)	
MEASUREMENT TYPE	Capacitance	
COVERAGE PERCENTAGE	>99%**	
CALIBRATION	Uses material of known thickness	
STANDARD ARRAY ELEMENT SIZE	1" x 2" with custom sizes available	
RANGE OF MATERIAL THICKNESS	0.1 mils to 100 mils (2.5 to 2500 micron)	
COMPUTER REQUIREMENTS	Windows Operating System	

* Note: Can be used for wider web if measuring the outer section is acceptable

** Unit comes off line to zero for several seconds at a user defined interval.
Unit also requires channels to be at least 0.5" in from the edge of the web



About SolveTech

Since 1981, SolveTech has specialized in non-contact thickness gauging and custom sensing technology. All equipment is designed and manufactured in Wilmington, Delaware, USA. The tireless perfection of the proprietary underlying technology in every SolveTech gauge has led to world class performance.

Service and Support

SolveTech offers on-site installation assistance, telephone/email support, and repair services. SolveTech is highly responsive to its customers and most repairs can be completed and returned within a few days.



Call Today: 302-798-5400

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Info@gauging.com

www.gauging.com

Free Sample Testing Available!