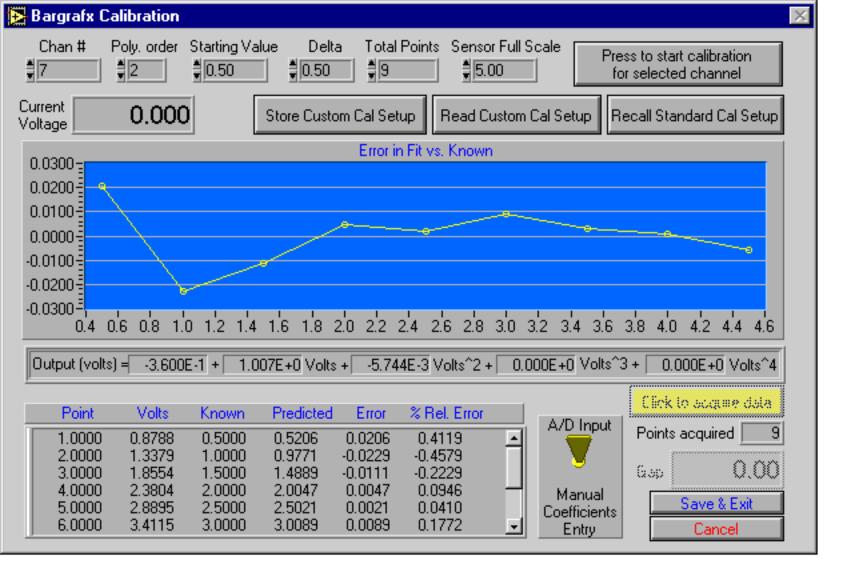


MAIN SCREEN. Column 1 is Channel 1 output, Column 2 is Channel 2 output, and column 5 is the GAP or Thickness (result). The values below columns 1 & 2 are in Vdc, and cloumn five is in thousandths of an inch (mils). The numbers above columns 3-7 are indicating the nominal (desired) gap reading, or optionally the wand thickness.



Calibration Screen. This is where multiple calibrations can be stored, and where linearizing polynomials can be applied.

Bargrafx Data Acquisition Parameters Setup								
Data Plotted Method: 📲 Mean for 📲 800.0	msec							
Save & Exit Cancel								

DATA ACQUISITION PARAMETERS SETUP SCREEN

🔀 Bargrafx Equation Editor 🛛 🕅											
EQUATIONS											BARS
1	9Тор	=	-{	0.00 +	1.00 [[	1.00 Ch. 0	) plus	; (	1.00 nothi	) <b>]</b> }	01=16T
2	9Bot	=	- {	0.00 +	1.00 [[	1.00 Ch. 1	) plus	; (	1.00 nothi	ng ) <b>]}</b>	02=16B
3	.009	=	- {	8.03 +	1.00 [[	1.00 Ch. 0	) plus	; (	1.00 Ch.	i []]}	03=.009
4	13T	=	- {	0.00 +	1.00 [[	1.00 Ch. 2	) plus	; (	1.00 nothi	ng ) <b>]</b> }	04=.013
5	13B	=	- {	0.00 +	1.00 [[	1.00 Ch. 3	) plus	; (	1.00 nothin	) <b>]</b> }	05=.016
6	.013	=	- {	12.40 +	1.00 [[	1.00 Ch. 2	) plus	; (	1.00 Ch.3	3 )]}	06=.020
7	16T	=	- {	0.00 +	1.00 [[	1.00 Ch. 4	) plus	; (	1.00 nothin	ng ) <b>]</b> }	07=.024
8	16B	=	- {	0.00 +	1.00 [[	1.00 Ch. 5	) plus	; (	1.00 nothin	) <b>]</b> }	08=.029
9	.016	=	- {	16.40 +	1.00 [[	1.00 Ch. 4	) plus	; (	1.00 Ch.	5 )]}	
10	20T	=	- {	0.00 +	1.00 [[	1.00 Ch. 6	) plus	; (	1.00 nothi	) <b>]}</b>	
11	20B	=	- {	0.00 +	1.00 [[	1.00 Ch. 7	) plus	; (	1.00 nothi	) <b>]</b> }	
12	.020	=	- {	20.08 +	1.00 [[	1.00 Ch. 6	) plus	; (	1.00 Ch.	7 )]}	
13	24T	=	- {	0.00 +	1.00 [[	1.00 Ch. 8	) plus	; (	1.00 nothi	) <b>]</b> }	
14	24B	=	-{	0.00 +	1.00 [[	1.00 Ch. 9	) plus	; (	1.00 nothi	) <b>]</b> }	
15	.024	=	-{	24.00 +	1.00 [[	1.00 Ch. 8	) plus	; (	1.00 Ch.	)]}	
16	29T	=	-{	0.00 +	1.00 [[	1.00 Ch. 10	) ) plus	; (	1.00 nothi	) <b>]</b> }	
	Editting va	riables:	16	17-32	33-48 49-	64 D	one	C	ancel		

THE EQUATION EDITOR SCREEN. This is where the actual mathematics can be applied to the acquired data.

🔀 Bargrafx Limits Table Editor 🛛 🕅											
Equation Number	Equation Names	Upper Critical	Upper Warning	Zero Ref	Lower Warning	Lower Critical	Absolute Full Scale	Relative Full Scale	Master Value		
1	9Top	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
2	9Bot	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
3	.009	14.0000	12.0000	0.0000	0.0000	0.0000	14.0000	14.0000	10.0000		
4	13T	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
5	13B	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
6	.013	16.0000	14.0000	0.0000	-2.0000	-4.0000	18.0000	18.0000	14.0000		
7	16T	4.0000	4.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
8	16B	4.0000	4.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
9	.016	20.0000	18.0000	0.0000	0.0000	0.0000	21.0000	21.0000	16.0000		
10	20T	4.0000	4.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
11	20B	4.0000	4.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
12	.020	24.0000	22.0000	0.0000	0.0000	0.0000	25.0000	25.0000	20.0000		
13	24T	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
14	24B	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
15	.024	28.0000	26.0000	0.0000	0.0000	0.0000	29.0000	29.0000	0.0000		
16	29T	4.0000	2.0000	0.0000	-2.0000	-4.0000	5.0000	5.0000	0.0000		
Editting variables: 1-16 17-32 33-48 49-64 Done Cancel											

LIMITS TABLE SCREEN. This screen adjusts the meaning of the Bar Graphs on the MAIN SCREEN.