

Features:

- Easy to use
- Control the Model 300 Charge Plate Analyzer from a computer
- Edit CPA test parameters via the computer
- Give names to ionizer locations
- Transfer test results to a PC
- Large graphs for viewing decay and balance tests in real time
- Scroll and zoom on displayed wave forms to view features of interest
- Change x-axis and y-axis ranges to resolve features of interest
- Save test waveforms for future retrieval and playback
- An excellent training tool
- Test report generator (graphic test report for all test)

Description:

300KEY is a simple, yet powerful, software program to control the operation of the Model 300 Charge Plate Analyzer from a computer. The operator can perform automated sequences of tests or manual tests, and display decay and balance test waveforms in real time. The presentation of decay and balance waveforms on the computer screen greatly enhances the ability of the operator to interpret and analyze ionizer test results. The operator is able to scroll, zoom, and change the x- and y-axis ranges to view features of interest.

Specifications:

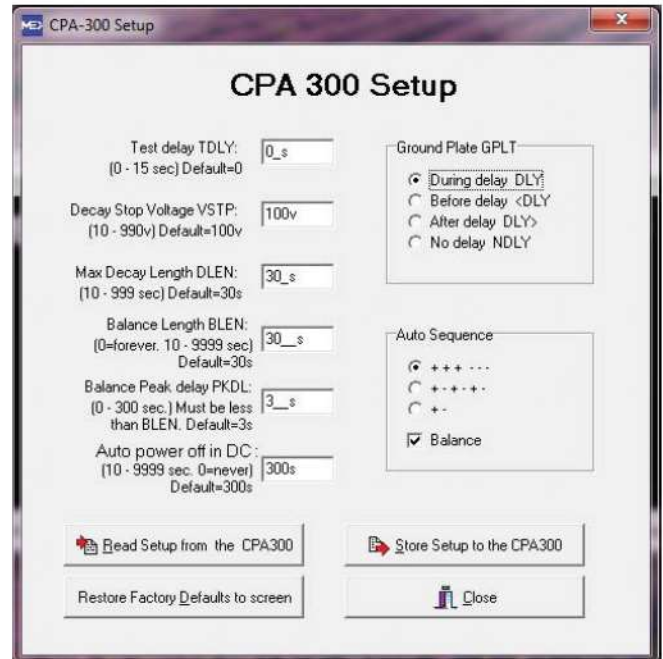
Minimum System Requirements:

A PC compatible with Pentium 3 or equivalent, 512k RAM, Windows 2000 or newer operating system, RS-232C serial port (or RS-232C/USB adaptor).

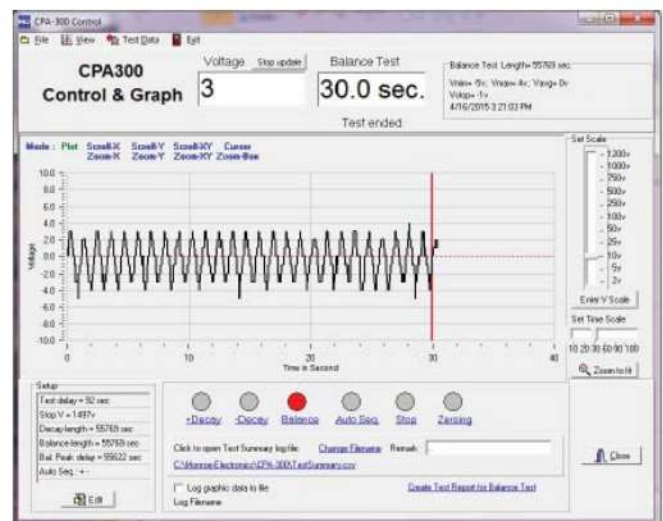
Model 300 CPA Requirements:

Firmware Revision 2.0 or higher.

Set-up Screen



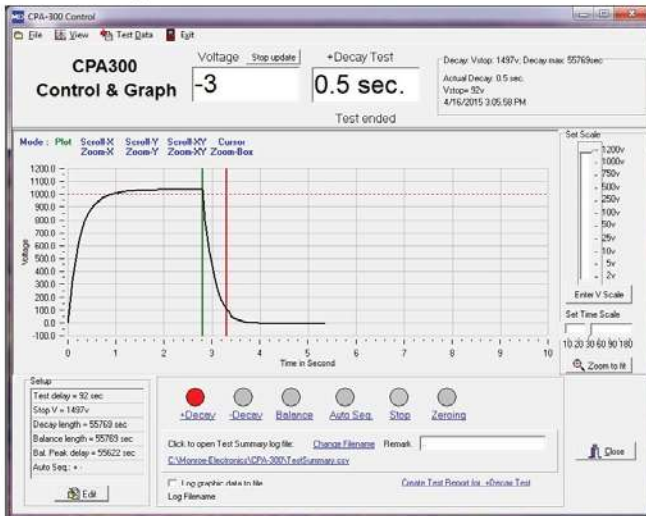
Balance Screen



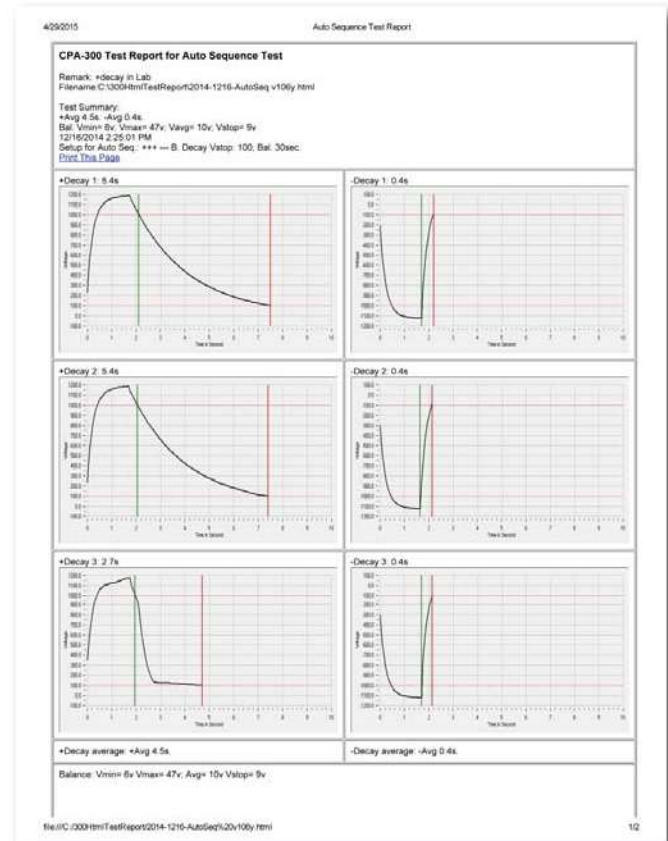
300 Charge Plate Analyzer Graphing Software

model **300KEY**

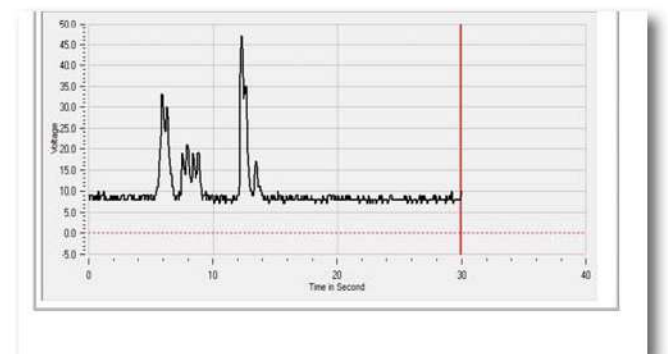
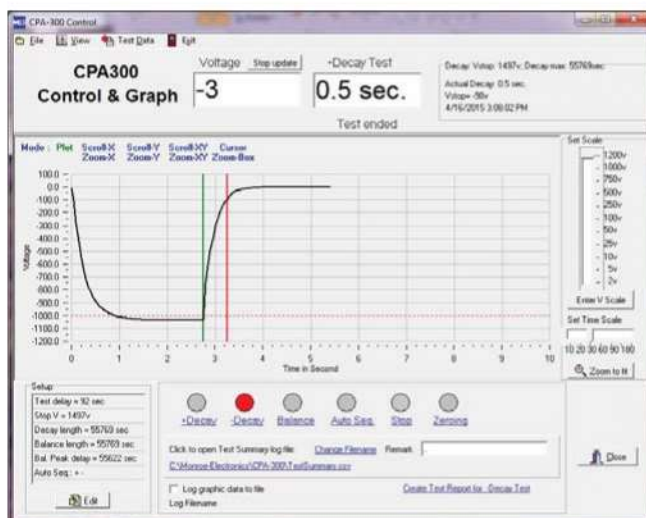
Plus Decay Screen



Report for Auto-Sequence test



Minus Decay Screen



Test Summary Log

Monroe Electronics Model 300 Test Summary Log									
Date M/D/Y	Time H:M	Test	+DecaySec	-DecaySec	Vstop	Bal.Vmin	Bal.Vmax	Bal.Vavg	Remark
7/23/2014	1/0/1900	+Decay	0.2		58				Location 1
8/13/2014	1/0/1900	+Decay	5.1		99				..
12/16/2014	1/0/1900	+Decay	5.5		98				..
12/16/2014	1/0/1900	-Decay		5.1	-98				..
12/16/2014	1/0/1900	Balance			18	-24	26	9	..
12/16/2014	1/0/1900	+Decay	5.4		99				..
12/16/2014	1/0/1900	-Decay		5.1	-99				..
12/16/2014	1/0/1900	+Decay	5.4		99				..
12/16/2014	1/0/1900	A+1Decay	5.4		99				..
12/16/2014	1/0/1900	A-1Decay		0.4	-94				..
12/16/2014	1/0/1900	A+2Decay	5.4		99				..
12/16/2014	1/0/1900	A-2Decay		0.4	-91				..
12/16/2014	1/0/1900	A+3Decay	2.7		99				..
12/16/2014	1/0/1900	A-3Decay		0.4	-92				..
12/16/2014	1/0/1900	A+Avg -Avg	4.5	0.4					..
12/16/2014	1/0/1900	ABal			9	6	47	10	..
12/16/2014	1/0/1900	+Decay	0.5		95				..
12/16/2014	1/0/1900	-Decay		0.4	-91				..
12/16/2014	1/0/1900	+Decay	0.4		95				..
12/16/2014	1/0/1900	-Decay		0.4	-90				..
12/17/2014	1/0/1900	+Decay	5.7		99				..
12/17/2014	1/0/1900	-Decay		5.2	-99				..
12/17/2014	1/0/1900	+Decay		0.2	-63				..
4/8/2015	1/0/1900	+Decay	1.5		93				..
4/8/2015	1/0/1900	-Decay		1.5	-92				..
4/16/2015	1/0/1900	+Decay	0.5		92				..
4/16/2015	1/0/1900	-Decay		0.5	-98				..
4/16/2015	1/0/1900	Balance			0	-198	5	-6	..
4/16/2015	1/0/1900	Balance			1	-3	3	0	..
4/16/2015	1/0/1900	Balance			-9	-14	19	2	..
4/16/2015	1/0/1900	Balance			0	-1	7	3	..
4/16/2015	1/0/1900	Balance			7	-1	8	3	..
4/16/2015	1/0/1900	Balance			5	-2	8	2	..
4/16/2015	1/0/1900	Balance			-61	-82	22	-14	..
4/16/2015	1/0/1900	Balance			-1	-5	4	0	..

Calibration:

Monroe Electronics instruments are factory-calibrated prior to shipment. Recalibration should be performed annually, or more frequently if specified by contract or company policy. Your instrument should also be recalibrated any time it has been repaired or tampered with. We are happy to recalibrate your instrument for you at a reasonable cost, or provide information and procedures on calibration upon request.

Warranty:

Monroe Electronics, Inc., warrants that each instrument and sub-assembly manufactured by them shall be free from defects in material and workmanship for a period of two years after shipment from the factory. This warranty is applicable to the original purchaser only.

The finest Electrostatic instrumentation and support:

For more than 50 years - ever since we invented the feedback-nulled electrostatic voltmeter, Monroe has been the technology and quality leader in electrostatic detection and measurement instrumentation. Today we offer the world's most complete array of fieldmeters, voltmeters, and resistivity meters. Our customers include the leading makers of photocopiers and laser printers, converters and microelectronics worldwide.

We know you need quality support as well as quality products. We pride ourselves on providing our customers with the most knowledgeable applications and installation support — as well as superior customer service.

How can we help?

Contact your Monroe Electronics representative for price and delivery information on this and other ME products, to schedule a no-obligation demonstration at your convenience. For the name of your nearest dealer, or for technical or applications assistance, contact Monroe Electronics directly at the address and numbers below.