



SonomaTesting  
Reporting a generation of excellence

**Product Area: Digital Delay Generators**

Competitors:  
SRS 645  
EG&G 9650  
Agilent 81101A



SonomaTesting Model 575 Benefits

2, 4, or 8 Channels of Adjustable Delay and Width, High Frequency Range, TTL and High Voltage Outputs, Lower Price

	ST	SRS	EG&G
Model	575	645	9650
Channels w/ Adj. Delay and Width	2, 4 or 8	2 or 4	4 Delay only
Internal Rate	200uHz – 20MHz	100uHz – 10MHz	1mHz – 999kHz
Output Levels	TTL or Adjustable 2– 20Vdc	TTL, NIM, or Adjustable -3 to 4Vdc	NIM, or Non-Adjustable 5 or 10Vdc
US List 4-Channel	\$3528.	\$4745.	\$4495.



SonomaTesting Model 725 Benefits:

8 Inputs, 8 Outputs, 8 Independent Timing Channels, Unparalleled Flexibility, Small Package, GUI Programming, Simple Connectivity, Lowest Price per Channel

	ST	SRS	EG&G	Agilent
Model	725	645	9650	81101
#Channels	8	4	4	1
# Outputs	8 Delay and Width	4 Delay and Width	4 Delay only	1 Delay and Width
# Inputs	8 Selectable (Trig, Gate, Fol, Tim, Deb Custom)	2 Dedicated Trigger and Gate	2 Dedicated Trigger and Gate	1 Dedicated Trigger or Gate
RS232	Yes	Yes	Option	No
US List	\$4995.	\$4195.	\$4915.	\$8260

**Product Area: Digital Multimeters**

Competitors:  
Agilent 34401A  
Fluke 8845A  
Keithley K-2000



SonomaTesting Model 1201 Benefits:

Faster Sampling, Larger Internal Memory, High Accuracy, USB Interface, Lower Price

	ST	Agilent	Fluke	Keithley
Model	1201	34401A	8845A	K-2000
Measurements /second	59	6	6	60
DC Accuracy	.0035%	.0035%	.0035%	.0030%
USB	YES	No	No	No
US List	\$795.	\$1070.	\$995.	\$1150.

**Product Area: Arbitrary Waveform Generators**

Competitors:  
Agilent 33220A  
Tektronix AFG3021B  
SRS DS345



SonomaTesting Model 645 Benefits

Broader Range, Fast Sample Rates, and More Memory. Accuracy and Precision as good or better. Lower Price

	ST	Agilent	Tektronix	SRS
Model	645	33220A	AFG3021B	DS345
Frequency	50 MHz	20 MHz	25 MHz	30 MHz
Samp Rate	125 MSa/s	50 MSa/s	250 MSa/s	40 MSa/s
Memory	256K	64K	128K	16K
Resolution	14 bits	14 bits	14 bits	12 bits
US List	\$1295.	\$1850.	\$1900.	\$1595.

**Product Area: Digital Storage Oscilloscope**

Competitors:  
 Tektronix TDS200B  
 Agilent DSO3202A  
 LeCroy WaveAce 232



SonomaTesting Model 1302CA Benefits  
 Broader Range, Higher Precision, Fast Sample Rates,  
 More Memory, Lower Price

	ST	Tektronix	Agilent	LeCroy
Model	1302CA	TDS200B	DSO3202A	WA232
Band Width	300 MHz	200 MHz	200 MHz	300 MHz
Timebase Range	1ns – 50s	2.5ns-50s	2nS-50s	2.5ns– 50s
Samp Rate	2 GSa/s	2 GSa/s	1 GSa/s	2 GSa/s
Memory	10k	2.5k	4k	9k
US List	\$1500.	\$1940.	\$1729	\$2290.

**Product Area: Universal Counter**

Competitors:  
 Agilent 53132A  
 Fluke PM6685  
 SRS 620



SonomaTesting Model 1105 Benefits  
 Broader Range, Better Stability, More Standard  
 Features, USB Interface, Lower Price

	ST	Agilent	Fluke	SRS
Model	1105	53132A	PM6685	620
Frequency	400 MHz	225 MHz	300 MHz	300 MHz
Timebase Stability	<1 ppm	<5 ppm	<3 ppm	<1 ppm
Channel 3	Standard 6 GHz	Option 5 GHz	Option 8 GHz	None
USB	Yes	No	No	No
US List	\$1765.	\$5664.		\$4950.

**Product Area: Radiation Detection Pager (PRD)**

Competitors:  
 Canberra Ultra-Radiac  
 Thermo / Target Rad-Eye  
 RAE Responder



SonomaTesting PRD Benefits:  
 Spectroscopic data collection, industry leading neutron sensitivity, bluetooth output options, GM Tube + CsI Scintillator in one (Dosimeter+Detector)

	ST	Thermo	RAE	Canberra
Model	PRD	Rad-Eye	Responder	Ultra-Radiac
Spectroscopic Detectors	Yes	Yes	No	No
Dosimeter and Detector in One	Yes	No	Yes	No
Network Option	Yes	Yes	No	No
RIID Supplier	Yes	Yes	No	Yes
ASP Supplier	Yes	No	No	Yes

**Product Area: Radioisotope Identifier (RID)**

Competitors  
 Canberra Inspector  
 Thermo / Target FieldSpec  
 SAIC GR-135



SonomaTesting Model 940 Benefits  
 Patented identification algorithms ranked #1 by DOD, Ergonomic design, 1-second identification, GPS and other detector options, ANSI N42 compliant

	ST	Canberra	Thermo	SAIC
Model	SAM 940	Inspector	FieldSpec	GR-135
3% Resolution Option	Yes	Yes	Yes	No
Integrated GPS Logging	Yes	No	No	No
CF Card	Yes	No	No	No
AA Battery	Yes	No	No	No
US List	\$9695.	\$10250.	\$8795.	\$12225.