



**Stanford Research Systems**  
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## U.S.A. Price List - July 2010

### Audio Analyzer

SR1	Dual-domain audio analyzer	\$6,900
01	80 MHz digitizer	\$1,500
02	High resolution display	\$1,200
O1RM	Rack mount kit for SR1	\$85
SR10	Balanced input switcher	\$1,500
SR11	Balanced output switcher	\$1,500
SR12	Unbalanced I/O switcher	\$1,500
OSR10RM	Rack mount kit for SR10, SR11 and SR12	\$85

### FFT Spectrum Analyzers

SR760	Single-channel FFT spectrum analyzer	\$4,950
SR770	Single-channel FFT spectrum analyzer (w/ source)	\$6,500
0760H	Carrying handle for SR760 and SR770	\$100
0760RM	Rack mount kit for SR760 and SR770	\$85
SR780	Dual-channel dynamic signal analyzer	\$9,950
SR785	Dual-channel dynamic signal analyzer	\$11,950
0780M1	8 MSample memory for SR780 and SR785	\$800
0780RM	Rack mount kit for SR780 and SR785	\$85
CT100	SRS instrument cart	\$850

### Synthesized Function Generators

DS335	3 MHz function generator	\$1,095
01	GPIB and RS-232 interfaces	\$495
02	2 ppm TCXO timebase	\$350
DS340	15 MHz function/arb generator	\$1,295
01	GPIB & RS-232 interfaces, arb. software	\$495
02	2 ppm TCXO timebase	\$350
DS345	30 MHz function/arb generator	\$1,595
01	GPIB & RS-232 interfaces, arb. software	\$495
02	10 ppb high stability OCXO timebase	\$650
O345RMD	Double rack mount kit for DS3XX	\$85
O345RMS	Single rack mount kit for DS3XX	\$85
DS360	Ultra-low distortion function generator	\$2,795
O360RM	Rack mount kit	\$85

### Synthesized Clock Generator

CG635	Synthesized clock generator	\$2,490
01	PRBS w/ comp. LVDS on SMA	\$550
02	OCXO timebase	\$650
03	Rubidium timebase	\$1,650
CG640	CMOS (+5 Vcc) to 100 MHz receiver	\$250
CG641	CMOS (+3.3 Vcc) to 500 MHz receiver	\$250
CG642	CMOS (+2.5 Vcc) to 500 MHz receiver	\$250
CG643	PECL (+5 Vcc) to 2050 MHz receiver	\$250
CG644	PECL (+3.3 Vcc) to 2050 MHz receiver	\$250
CG645	PECL (+2.5 Vcc) to 2050 MHz receiver	\$250
CG646	RF (+7 dBm) to 2050 MHz receiver	\$250
CG647	CML/NIM to 2050 MHz receiver	\$250
CG648	ECL to 2050 MHz receiver	\$250
CG649	LVDS to 2050 MHz receiver	\$250
CG650	All ten receivers (CG640-CG649)	\$1,995
O635RMD	Double rack mount kit	\$85
O635RMS	Single rack mount kit	\$85

### LCR Meters

SR715	10 kHz LCR meter (with RS-232)	\$995
SR720	100 kHz meter w/ RS-232, GPIB & Handler interface	\$1,495
SR726	Kelvin clips	\$300
SR727	Surface mount tweezers	\$300
O727RT	2 pairs of replacement tips for SR727	\$45
SR728	Four-wire BNC adapter	\$200
O715RAA	Replacement axial adapters (2 pair)	\$35
O715RRF	Replacement radial fixture	\$75

### Time Interval and Frequency Counters

SR620	Time interval/frequency counter (w/ rack mount)	\$4,950
01	2 ppb high stability OCXO timebase	\$950
SR625	SR620 w/ rubidium timebase (w/ rack mount)	\$12,500

### Frequency Standards / Oscillators

FS725	Benchtop rubidium frequency standard	\$2,495
01	Distribution amplifier - 6 additional outputs	\$300
02	Distribution amplifier - 12 additional outputs	\$600
03	Distribution amplifier - 18 additional outputs	\$900
O725RMD	Double rack mount kit for FS725	\$85
O725RMS	Single rack mount kit for FS725	\$85
FS730	Seven-channel distribution amplifier	\$1,250
RM1U	1U dual rack mount	\$85
FS735	Fourteen-channel distribution amplifier	\$1,950
PRS10	10 MHz rubidium oscillator	\$1,495
PRBB	Breakout connector board	\$150
PRPS	24 VDC switching power supply	\$150
PRHS	Benchtop heat sink	\$50
PRMC	D-type mating connector	\$20
SC10	10 MHz ovenized oscillator (base price, qty.100)	\$250
FS710	10 MHz AGC distribution amplifier (7 channel)	\$1,000

### Dual Channel Programmable Filters

SR640	Two-channel low pass filter (w/ rack mount)	\$3,295
SR645	Two-channel high pass filter (w/ rack mount)	\$3,295
SR650	One high, one low pass filter (w/ rack mount)	\$3,295
01	High current output for SR6XX filters	\$150

### Thermocouple Monitor

SR630	16-channel thermocouple monitor	\$1,495
O630KF1	K-type thermocouples, 5 ft., fiberglass, qty. 5	\$50
O630KF2	K-type thermocouples, 10 ft., fiberglass, qty. 5	\$75
O630KT1	K-type thermocouples, 5 ft., teflon, qty. 5	\$50
O630KT2	K-type thermocouples, 10 ft., teflon, qty. 5	\$75
O630RMD	Double rack mount kit	\$85
O630RMS	Single rack mount kit	\$85

### Digital Delay / Pulse Generator

DG645	Four-channel digital delay generator	\$3,995
01	Eight delay channels (5 V)	\$750
02	Eight delay channels (30 V)	\$950
03	Combinatorial outputs	\$750
04	OCXO timebase	\$650
05	Rubidium timebase	\$1,650
O645RMS	Single rack mount kit	\$85
O645RMD	Dual rack mount kit	\$85
SRD1	Fast rise time module (100 ps)	\$250
DG535	Digital delay / pulse generator (with GPIB)	\$3,995
02	+/-32 volt rear panel outputs	\$650
03	1 ppm TCXO timebase	\$350
06	Trigger inhibit input	\$250
/4A	100 ps rise time module	\$250
/4B	100 ps fall time module	\$250
/4C	Bias Tee (used with opt. 02 & O4A or O4B)	\$100
/5	Dual rack mount tray	\$150
DB64	Coax delay box	\$395
RM1U	1U dual rack mount	\$85

## Gated Integrators / Boxcar Averagers (NIM Modules)

SR200	Gate scanner for SR250 and SR255	\$1,000
SR235	Analog math processor	\$1,500
SR240A	350 MHz preamplifier (4 channel)	\$1,000
SR245	Computer interface (GPIB and RS-232)	\$1,500
SR250	Gated integrator	\$2,990
SR255	Fast sampler	\$2,990
SR272	Data acquisition Windows software	\$500
SR275	Display module (without power supply)	\$800
SR280	NIM mainframe & display (with power supply)	\$2,000

## Lock-In Amplifiers

SR510	Single phase lock-in (w/ RS-232 & rack mount)	\$2,495
SR530	Dual phase lock-in (w/ RS-232 & rack mount)	\$2,995
01	GPIB computer interface	\$895
SR810	DSP single phase lock-in (with rack mount)	\$3,850
SR830	DSP dual phase lock-in (with rack mount)	\$4,500
SR844	200 MHz lock-in (with rack mount)	\$8,450
SR850	DSP dual phase lock-in (with rack mount)	\$7,500
O850H	Carrying handle kit	\$100

## Preamplifiers

SR560	Low-noise voltage preamplifier	\$2,295
SR570	Low-noise current preamplifier	\$2,295
O560RMD	Double rack mount kit for SR5XX	\$85
O560RMS	Single rack mount kit for SR5XX	\$85
O560SB	Spare battery set (3 batteries) for SR5XX	\$150
SR445A	350 MHz preamplifier (4 ch.)	\$1,100
RM1U	1U dual rack mount	\$85
SR550	Lock-in voltage preamp. (100 M $\Omega$ , 3.6 nV/ $\sqrt{\text{Hz}}$ )	\$595
SR552	Lock-in voltage preamp. (100 k $\Omega$ , 1.4 nV/ $\sqrt{\text{Hz}}$ )	\$595
SR554	Lock-in transformer preamp. (0.091 nV/ $\sqrt{\text{Hz}}$ )	\$995

## Optical Chopper

SR540	Optical chopper (with 5/6 and 25/30 slot blades)	\$1,095
O5402530	25/30 dual-slot replacement blade	\$35
O54030	30-slot replacement blade	\$35
O5405	5-slot replacement blade	\$35
O54056	5/6 dual-slot replacement blade	\$35
O540RCH	Replacement chopper head	\$220

## Laser Shutter

SR470	Shutter controller system (includes shutter head)	\$1,695
SR474	4-ch. shutter driver system (includes shutter head)	\$1,695
O470RMS	Single rack mount kit for SR470 and SR474	\$85
O470RMD	Double rack mount kit for SR470 and SR474	\$85
SR475	Additional shutter head	\$495

## Laser Diode Controller

LDC501	Laser diode controller (w/ temperature controller)	\$2,495
LDC500	Laser diode controller (w/ temperature controller)	\$2,495
O500RM	Dual rack mount tray for LDC500 and LDC501	\$150

## High Voltage Power Supplies

PS310	1.25 kV DC power supply, 25 W	\$1,350
PS325	2.5 kV DC power supply, 25 W	\$1,350
PS350	5.0 kV DC power supply, 25 W	\$1,350
01	GPIB interface for PS310, PS325 & PS350	\$495
/2D	Double rack mount kit (PS310, PS325, PS350)	\$85
/2S	Single rack mount kit (PS310, PS325, PS350)	\$85
/3A	SHV to SHV cable, 10 ft. (PS310, PS325, PS350)	\$150
/3B	SHV to MHV cable, 10 ft. (PS310, PS325, PS350)	\$150
PS355	-10 kV supply with GPIB and RS-232	\$2,250
PS365	+10 kV supply with GPIB and RS-232	\$2,250
/3C	10 kV-SHV to open-ended cable, 10 ft.	\$395
/3D	10 kV-SHV to 10 kV-SHV cable, 10 ft.	\$495
PS370	-20 kV supply with GPIB and RS-232	\$2,250
PS375	+20 kV supply with GPIB and RS-232	\$2,250
/3E	20 kV-SHV to open-ended cable, 10 ft.	\$595
/3F	20 kV-SHV to 20 kV-SHV cable, 10 ft.	\$695
O300RMS	Single rack mount kit (PS355, PS365, PS370, PS375)	\$85
O300RMD	Double rack mount kit (PS355, PS365, PS370, PS375)	\$85

## Small Instrumentation Modules (SIM)

SIM900	Mainframe with RS-232 computer interface	\$995
01	GPIB computer interface	\$495
O900RM		\$85
SIM910	JFET preamplifier (100 M $\Omega$ , 4 nV/ $\sqrt{\text{Hz}}$ )	\$975
SIM911	BJT preamplifier (100 k $\Omega$ , 1.8 nV/ $\sqrt{\text{Hz}}$ )	\$975
SIM914	350 MHz preamplifier, (50 $\Omega$ , 6.4 nV/ $\sqrt{\text{Hz}}$ )	\$975
SIM918	Precision current preamplifier	\$1,250
SIM921	AC resistance bridge (1 m $\Omega$ to 100 M $\Omega$ )	\$2,495
SIM922	Diode temperature monitor	\$695
SIM922A	Diode temperature monitor with analog output	\$695
SIM923	Platinum RTD monitor	\$695
SIM923A	Platinum RTD monitor with analog output	\$695
SIM925	Octal 4-wire multiplexer	\$990
SIM928	Rechargeable isolated voltage source	\$995
O928RBA	Replacement battery assembly	\$150
SIM940	Rubidium frequency standard	\$1,495
SIM954	Dual-channel 300 MHz inverting amplifier	\$975
SIM960	100 kHz analog PID controller	\$1,750
SIM964	1 MHz analog limiter	\$795
SIM965	Bessel and Butterworth filter	\$1,095
SIM970	Four-channel digital voltmeter	\$1,390
SIM980	Analog summing amplifier	\$795
SIM983	Scaling amplifier	\$795
SIM9B1	Blank single-wide SIM module	\$150
SIM9B2	Blank double-wide SIM module	\$175

## Photon Counters

SR400	Dual-channel gated photon counter (w/ rack mnt.)	\$5,350
SR445A	350 MHz preamplifier (4 ch.)	\$1,100
SR430	Multichannel scaler / averager (with rack mount)	\$7,950
SR445A	350 MHz preamplifier (4 ch.)	\$1,100
O430H	Carrying handle kit	\$100

## Quartz Crystal Microbalance

QCM100	Includes controller, oscillator, holder and 3 crystals	\$1,295
QCM200	Includes controller, oscillator, holder and 3 crystals	\$2,495
O100CCB	Crystal cleaning basket	\$195
O100FC	Flow cell	\$295
O100RXO	Replacement crystal oscillator electronics module	\$395
O100RH	Replacement crystal holder	\$395
O100RX1	Chrome/gold crystals (qty. 10)	\$295
O100RX3	Titanium/gold crystals (qty. 10)	\$295
O100RX4	Titanium/platinum crystals (qty. 10)	\$395

## Melting Point Apparatus

MPA100	Melting point apparatus (with USB & software)	\$2,495
MPA120	Melting point apparatus	\$1,495
MPA160	Melting point apparatus	\$790
O100MPC	Capillaries (300 pcs.)	\$150
O100MPS	Melting point standards	\$295
O100P	Printer with cable and paper (MPA100 only)	\$395

## Nitrogen Laser

NL100	Nitrogen laser	\$4,750
01	Optional sync-out pulse	\$250

## Programmable Temperature Controller

PTC10	Programmable temperature controller	\$1,495
01	GPIB interface	\$495
PTC320	Thermistor/Diode/RTD Reader	\$495
PTC321	4-ch. Pt RTD card	\$495
PTC322	4-ch. Pt RTD card (single slot only)	\$495
PTC330E	4-ch. E-type thermocouple card	\$495
PTC330J	4-ch. J-type thermocouple card	\$495
PTC330K	4-ch. K-type thermocouple card	\$495
PTC330T	4-ch. T-type thermocouple card	\$495
PTC330N	4 channel N-type thermocouple reader	\$495
PTC420	600 W AC output card	\$495
PTC430	50 W DC output card	\$495
PTC440	TEC driver	\$495

## Residual Gas Analyzers

RGA100	100 amu RGA (with RS-232 cable & software)	\$3,750
RGA200	200 amu RGA (with RS-232 cable & software)	\$4,500
RGA300	300 amu RGA (with RS-232 cable & software)	\$6,000
01	Electron multiplier (EM)	\$1,500
02	Built-in power module for AC line operation	\$250
03	Ion counting output (must have opt. 01)	\$250
O100HJR	200 °C heater jacket for RGAs	\$450
O100MAX	Maximum insertion nipple with 4.5" flange	\$600
O100EM	Replacement electron multiplier	\$1,000
O100RF	Replacement ThO <sub>2</sub> /Ir filament for RGA	\$200
O100RI	Replacement ionizer kit (with filament) for RGA	\$450
PPM100	Optional stand-alone monitor for RGA	\$2,295

## Closed Ion Source Gas Analyzers

CIS100/1	100 amu CIS (w/EM, RS-232 cable & software)	\$7,250
CIS200/1	200 amu CIS (w/EM, RS-232 cable & software)	\$8,000
CIS300/1	300 amu CIS (w/EM, RS-232 cable & software)	\$9,500
02	Built-in power module for AC line operation	\$250
O100HJC	200 °C heater jacket for CIS analyzers	\$395
O100EM	Replacement electron multiplier	\$1,000
O100RFT	Replacement ThO <sub>2</sub> /Ir filament (qty. 2)	\$125
O100RFW	Replacement tungsten filament (qty. 5)	\$100
O100RIC	Replacement ionizer kit (with filament) for CIS	\$900
O100TDP	Turbomolecular pump and diaphragm pump	\$9,975

## High Pressure Sampling Systems

PPR100/1	100 amu process monitoring system	\$19,000
PPR200/1	200 amu process monitoring system	\$19,750
PPR300/1	300 amu process monitoring system	\$21,250
QMS100	100 amu atmospheric sampling system	\$23,000
QMS200	200 amu atmospheric sampling system	\$23,750
QMS300	300 amu atmospheric sampling system	\$25,250
01	High-vacuum rear port for QMS analyzers	\$500
O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	\$3,500
UGA100	100 amu analyzer w/ electron multiplier & software	\$30,950
UGA200	200 amu analyzer w/ electron multiplier & software	\$31,950
UGA300	300 amu analyzer w/ electron multiplier & software	\$32,950
01	Multi-port (16 ch.) sampling inlet	\$5,000
02	Turbo pump venting port	\$2,500
O100HC	Heated capillary	\$1,000
O100PKC	Replacement PEEK capillary (760 Torr)	\$150
O100SSC	Stainless steel capillary (10, 100 or 760 Torr)	\$150

## Gas Analyzer Accessories

O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	\$3,500
O100RO	Replacement orifice for O100BV (.01, 0.1, 1, 10 Torr)	\$50
O100TDP	Turbomolecular pump and diaphragm pump	\$9,975
O100DPR	Diaphragm pump factory rebuild	\$800
O100DPRK	Rebuild kit for diaphragm pump	\$550
O100TPE	Turbomolecular pump exchange	\$2,500

## Ion Gauge Controller

IGC100	Ion gauge controller (with RS-232)	\$1,495
01	GPIB computer interface	\$295
02	Web interface with ethernet connection	\$595
03	Eight-channel process control	\$295
O100IG	Second ion gauge channel	\$195
O100IGRM	Rack mount tray for one or two IGC100s	\$150
O100C1	10 ft. cable for glass, single filament gauges	\$200
O100C1/1	25 ft. cable for glass, single filament gauges	\$250
O100C2	10 ft. cable for glass, dual filament gauges	\$200
O100C2/1	25 ft. cable for glass, dual filament gauges	\$250
O100C3	10 ft. cable for nude gauges	\$200
O100C3/1	25 ft. cable for nude gauges	\$250
O100CA1	Adapter for Micro-Ion <sup>®</sup> gauge	\$25

## Bayard-Alpert Ionization Gauges

GR-075K	Kovar, 0.75", single filament, ThO <sub>2</sub> /Ir	\$135
GR-075P	Pyrex, 0.75", single filament, ThO <sub>2</sub> /Ir	\$130
GR-100F	2.75" CF, 1" side tube, single fil., ThO <sub>2</sub> /Ir	\$295
GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	\$285
NR-F	Nude, bi-filar helix grid, single fil., ThO <sub>2</sub> /Ir	\$475
NR-F-UHV	Nude, closed cage grid, dual fil., ThO <sub>2</sub> /Ir	\$475
NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	\$495
O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	\$150
O100RFASR	Single ThO <sub>2</sub> /Ir replacement fil. for NR-F	\$150
O100RFADR	Dual ThO <sub>2</sub> /Ir replacement fil. for NR-F-UHV	\$175

## Convection Enhanced Pirani Gauges

PG108	G-P Convection Pirani gauge, 1/8" NPT	\$130
01	1.33" rotatable CF flange	\$30
02	2.75" rotatable CF flange	\$40
03	16KF	\$20
04	25KF	\$30
05	40KF	\$55
06	1/4" VCR, female	\$25
07	1/2" VCR, female	\$60
O108C4	10 ft. cable for PG108, dual gauge	\$95
O108C4/1	25 ft. cable for PG108, dual gauge	\$130

**Terms:** Net 30 Days. Minimum order is \$275.

**Shipping:** FOB Sunnyvale, CA 94089. Standard shipment method is UPS ground unless otherwise specified.

**Warranty:** All instruments, unless otherwise stated, are warranted to be free from all defects in material and workmanship for one year from date of shipment. Chopper motors, computer accessories, diaphragm pumps, and rebuilt turbomolecular pumps are warranted for 90 days from the date of shipment.

**Options:** There is a \$250 retrofit charge to add any internal option to an existing instrument.

**Calibration/Repair:** Price for evaluation, repair and/or calibration (for original owners) is normally 10.25 % of the current instrument price (including installed options), with a minimum charge of \$281.87. If the instrument is older than 10 years, there will be an additional 10.25 % charge (minimum charge of \$563.75). If damage is severe or test data is required, there may be additional charges. Instruments being returned for repair or calibration must be accompanied by a Return Material Authorization (RMA) number.

All instruments are calibrated to NIST traceable standards (Gas Analyzers excluded). A certificate of calibration is available at no charge if specified at the time an order is placed. There is a \$50 charge per unit for calibration certificates requested after the unit has shipped.