



Stanford Research Systems

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International Price List - July 2010

Audio Analyzer

SR1	Dual-domain audio analyzer	\$7,590
01	80 MHz digitizer	\$1,650
02	High resolution display	\$1,320
O1RM	Rack mount kit for SR1	\$94
SR10	Balanced input switcher	\$1,650
SR11	Balanced output switcher	\$1,650
SR12	Unbalanced I/O switcher	\$1,650
OSR10RM	Rack mount kit for SR10, SR11 and SR12	\$94

FFT Spectrum Analyzers

SR760	Single-channel FFT spectrum analyzer	\$5,445
SR770	Single-channel FFT spectrum analyzer (w/ source)	\$7,150
0760H	Carrying handle for SR760 and SR770	\$110
0760RM	Rack mount kit for SR760 and SR770	\$94
SR780	Dual-channel dynamic signal analyzer	\$10,945
SR785	Dual-channel dynamic signal analyzer	\$13,145
0780M1	8 MSample memory for SR780 and SR785	\$880
0780RM	Rack mount kit for SR780 and SR785	\$94
CT100	SRS instrument cart	\$935

Synthesized Function Generators

DS335	3 MHz function generator	\$1,205
01	GPIB and RS-232 interfaces	\$545
02	2 ppm TCXO timebase	\$385
DS340	15 MHz function/arb generator	\$1,425
01	GPIB & RS-232 interfaces, arb. software	\$545
02	2 ppm TCXO timebase	\$385
DS345	30 MHz function/arb generator	\$1,755
01	GPIB & RS-232 interfaces, arb. software	\$545
02	10 ppb high stability OCXO timebase	\$715
O345RMD	Double rack mount kit for DS3XX	\$94
O345RMS	Single rack mount kit for DS3XX	\$94
DS360	Ultra-low distortion function generator	\$3,075
O360RM	Rack mount kit	\$94

Synthesized Clock Generator

CG635	Synthesized clock generator	\$2,740
01	PRBS w/ comp. LVDS on SMA	\$605
02	OCXO timebase	\$715
03	Rubidium timebase	\$1,815
CG640	CMOS (+5 Vcc) to 100 MHz receiver	\$275
CG641	CMOS (+3.3 Vcc) to 500 MHz receiver	\$275
CG642	CMOS (+2.5 Vcc) to 500 MHz receiver	\$275
CG643	PECL (+5 Vcc) to 2050 MHz receiver	\$275
CG644	PECL (+3.3 Vcc) to 2050 MHz receiver	\$275
CG645	PECL (+2.5 Vcc) to 2050 MHz receiver	\$275
CG646	RF (+7 dBm) to 2050 MHz receiver	\$275
CG647	CML/NIM to 2050 MHz receiver	\$275
CG648	ECL to 2050 MHz receiver	\$275
CG649	LVDS to 2050 MHz receiver	\$275
CG650	All ten receivers (CG640-CG649)	\$2,195
O635RMD	Double rack mount kit	\$94
O635RMS	Single rack mount kit	\$94

LCR Meters

SR715	10 kHz LCR meter (with RS-232)	\$1,095
SR720	100 kHz meter w/ RS-232, GPIB & Handler interface	\$1,645
SR726	Kelvin clips	\$330
SR727	Surface mount tweezers	\$330
O727RT	2 pairs of replacement tips for SR727	\$50
SR728	Four-wire BNC adapter	\$220
O715RAA	Replacement axial adapters (2 pair)	\$39
O715RRF	Replacement radial fixture	\$83

Time Interval and Frequency Counters

SR620	Time interval/frequency counter (w/ rack mount)	\$5,445
01	2 ppb high stability OCXO timebase	\$1,045
SR625	SR620 w/ rubidium timebase (w/ rack mount)	\$13,750

Frequency Standards / Oscillators

FS725	Benchtop rubidium frequency standard	\$2,745
01	Distribution amplifier - 6 additional outputs	\$330
02	Distribution amplifier - 12 additional outputs	\$660
03	Distribution amplifier - 18 additional outputs	\$990
O725RMD	Double rack mount kit for FS725	\$94
O725RMS	Single rack mount kit for FS725	\$94
FS730	Seven-channel distribution amplifier	\$1,375
RM1U	1U dual rack mount	\$94
FS735	Fourteen-channel distribution amplifier	\$2,145
PRS10	10 MHz rubidium oscillator	\$1,645
PRBB	Breakout connector board	\$165
PRPS	24 VDC switching power supply	\$165
PRHS	Benchtop heat sink	\$55
PRMC	D-type mating connector	\$22
SC10	10 MHz ovenized oscillator (base price, qty.100)	\$275
FS710	10 MHz AGC distribution amplifier (7 channel)	\$1,100

Dual Channel Programmable Filters

SR640	Two-channel low pass filter (w/ rack mount)	\$3,625
SR645	Two-channel high pass filter (w/ rack mount)	\$3,625
SR650	One high, one low pass filter (w/ rack mount)	\$3,625
01	High current output for SR6XX filters	\$165

Thermocouple Monitor

SR630	16-channel thermocouple monitor	\$1,645
O630KF1	K-type thermocouples, 5 ft., fiberglass, qty. 5	\$55
O630KF2	K-type thermocouples, 10 ft., fiberglass, qty. 5	\$83
O630KT1	K-type thermocouples, 5 ft., teflon, qty. 5	\$55
O630KT2	K-type thermocouples, 10 ft., teflon, qty. 5	\$83
O630RMD	Double rack mount kit	\$94
O630RMS	Single rack mount kit	\$94

Digital Delay / Pulse Generator

DG645	Four-channel digital delay generator	\$4,395
01	Eight delay channels (5 V)	\$825
02	Eight delay channels (30 V)	\$1,045
03	Combinatorial outputs	\$825
04	OCXO timebase	\$715
05	Rubidium timebase	\$1,815
O645RMS	Single rack mount kit	\$94
O645RMD	Double rack mount kit	\$94
SRD1	Fast rise time module (100 ps)	\$275
DG535	Digital delay / pulse generator (with GPIB)	\$4,395
02	+/-32 volt rear panel outputs	\$715
03	1 ppm TCXO timebase	\$385
06	Trigger inhibit input	\$275
/4A	100 ps rise time module	\$275
/4B	100 ps fall time module	\$275
/4C	Bias Tee (used with opt. 02 & O4A or O4B)	\$110
/5	Dual rack mount tray	\$165
DB64	Coax delay box	\$435
RM1U	1U dual rack mount	\$94

Gated Integrators / Boxcar Averagers (NIM Modules)

SR200	Gate scanner for SR250 and SR255	\$1,100
SR235	Analog math processor	\$1,650
SR240A	350 MHz preamplifier (4 channel)	\$1,100
SR245	Computer interface (GPIB and RS-232)	\$1,650
SR250	Gated integrator	\$3,290
SR255	Fast sampler	\$3,290
SR272	Data acquisition Windows software	\$550
SR275	Display module (without power supply)	\$880
SR280	NIM mainframe & display (with power supply)	\$2,200

Lock-In Amplifiers

SR510	Single phase lock-in (w/ RS-232 & rack mount)	\$2,745
SR530	Dual phase lock-in (w/ RS-232 & rack mount)	\$3,295
01	GPIB computer interface	\$985
SR810	DSP single phase lock-in (with rack mount)	\$4,235
SR830	DSP dual phase lock-in (with rack mount)	\$4,950
SR844	200 MHz lock-in (with rack mount)	\$9,295
SR850	DSP dual phase lock-in (with rack mount)	\$8,250
O850H	Carrying handle kit	\$110

Preamplifiers

SR560	Low-noise voltage preamplifier	\$2,525
SR570	Low-noise current preamplifier	\$2,525
O560RMD	Double rack mount kit for SR5XX	\$94
O560RMS	Single rack mount kit for SR5XX	\$94
O560SB	Spare battery set (3 batteries) for SR5XX	\$165
SR445A	350 MHz preamplifier (4 ch.)	\$1,210
RM1U	1U dual rack mount	\$94
SR550	Lock-in voltage preamp. (100 M Ω , 3.6 nV/ $\sqrt{\text{Hz}}$)	\$655
SR552	Lock-in voltage preamp. (100 k Ω , 1.4 nV/ $\sqrt{\text{Hz}}$)	\$655
SR554	Lock-in transformer preamp. (0.091 nV/ $\sqrt{\text{Hz}}$)	\$1,095

Optical Chopper

SR540	Optical chopper (with 5/6 and 25/30 slot blades)	\$1,205
O5402530	25/30 dual-slot replacement blade	\$39
O54030	30-slot replacement blade	\$39
O5405	5-slot replacement blade	\$39
O54056	5/6 dual-slot replacement blade	\$39
O540RCH	Replacement chopper head	\$242

Laser Shutter

SR470	Shutter controller system (includes one shutter head)	\$1,865
SR474	4-ch. shutter driver system (includes one shutter head)	\$1,865
O470RMS	Single rack mount kit for SR470 and SR474	\$94
O470RMD	Double rack mount kit for SR470 and SR474	\$94
SR475	Additional shutter head	\$545

Laser Diode Controller

LDC501	Laser diode controller (w/ temperature controller)	\$2,745
LDC500	Laser diode controller (w/ temperature controller)	\$2,745
O500RM	Dual rack mount tray for LDC500 and LDC501	\$165

High Voltage Power Supplies

PS310	1.25 kV DC power supply, 25 W	\$1,485
PS325	2.5 kV DC power supply, 25 W	\$1,485
PS350	5.0 kV DC power supply, 25 W	\$1,485
01	GPIB computer interface for PS310, PS325 & PS350	\$545
/2D	Double rack mount kit (PS310, PS325, PS350)	\$94
/2S	Single rack mount kit (PS310, PS325, PS350)	\$94
/3A	SHV to SHV coax cable, 10 ft. (PS310, PS325, PS350)	\$165
/3B	SHV to MHV coax cable, 10 ft. (PS310, PS325, PS350)	\$165
PS355	-10 kV supply with GPIB and RS-232	\$2,475
PS365	+10 kV supply with GPIB and RS-232	\$2,475
/3C	10 kV-SHV to open-ended cable, 10 ft.	\$435
/3D	10 kV-SHV to 10 kV-SHV cable, 10 ft.	\$545
PS370	-20 kV supply with GPIB and RS-232	\$2,475
PS375	+20 kV supply with GPIB and RS-232	\$2,475
/3E	20 kV-SHV to open-ended cable, 10 ft.	\$655
/3F	20 kV-SHV to 20 kV-SHV cable, 10 ft.	\$765
O300RMS	Single rack mount kit (PS355, PS365, PS370, PS375)	\$94
O300RMD	Double rack mount kit (PS355, PS365, PS370, PS375)	\$94

Small Instrumentation Modules (SIM)

SIM900	Mainframe with RS-232 computer interface	\$1,095
01	GPIB computer interface	\$545
O900RM	Rack mount kit for SIM900	\$94
SIM910	JFET preamplifier (100 M Ω , 4 nV/ $\sqrt{\text{Hz}}$)	\$1,075
SIM911	BJT preamplifier (100 k Ω , 1.8 nV/ $\sqrt{\text{Hz}}$)	\$1,075
SIM914	350 MHz preamplifier, (50 Ω , 6.4 nV/ $\sqrt{\text{Hz}}$)	\$1,075
SIM918	Precision current preamplifier	\$1,375
SIM921	AC resistance bridge (1 m Ω to 100 M Ω)	\$2,745
SIM922	Diode temperature monitor	\$765
SIM922A	Diode temperature monitor with analog output	\$765
SIM923	Platinum RTD monitor	\$765
SIM923A	Platinum RTD monitor with analog output	\$765
SIM925	Octal 4-wire multiplexer	\$1,090
SIM928	Rechargeable isolated voltage source	\$1,095
O928RBA	Replacement battery assembly	\$165
SIM940	Rubidium frequency standard	\$1,645
SIM954	Dual-channel 300 MHz inverting amplifier	\$1,075
SIM960	100 kHz analog PID controller	\$1,925
SIM964	1 MHz analog limiter	\$875
SIM965	Bessel and Butterworth filter	\$1,205
SIM970	Four-channel digital voltmeter	\$1,530
SIM980	Analog summing amplifier	\$875
SIM983	Scaling amplifier	\$875
SIM9B1	Blank single-wide SIM module	\$165
SIM9B2	Blank double-wide SIM module	\$195

Photon Counters

SR400	Dual-channel gated photon counter (w/ rack mount)	\$5,885
SR445A	350 MHz preamplifier (4 ch.)	\$1,210
SR430	Multichannel scaler / averager (with rack mount)	\$8,745
SR445A	350 MHz preamplifier (4 ch.)	\$1,210
O430H	Carrying handle kit	\$110

Quartz Crystal Microbalance

QCM100	Includes controller, oscillator, holder and 3 crystals	\$1,425
QCM200	Includes controller, oscillator, holder and 3 crystals	\$2,745
O100CCB	Crystal cleaning basket	\$215
O100FC	Flow cell	\$325
O100RXO	Replacement crystal oscillator electronics module	\$435
O100RH	Replacement crystal holder	\$435
O100RX1	Chrome/gold crystals (qty. 10)	\$325
O100RX3	Titanium/gold crystals (qty. 10)	\$325
O100RX4	Titanium/platinum crystals (qty. 10)	\$435

Melting Point Apparatus

MPA100	Melting point apparatus (with USB & software)	\$2,745
MPA120	Melting point apparatus	\$1,645
MPA160	Melting point apparatus (100 to 132 VAC)	\$870
MPA161	Melting point apparatus (200 to 250 VAC)	\$870
O100MPC	Capillaries (300 pcs.)	\$165
O100MPS	Melting point standards	\$325
O100P	Printer with cable and paper (MPA100 only)	\$435

Nitrogen Laser

NL100	Nitrogen laser	\$5,225
01	Optional sync-out pulse	\$275

Programmable Temperature Controller

PTC10	Programmable temperature controller	\$1,645
01	GPIB interface	\$545
PTC320	Thermistor/Diode/RTD Reader	\$545
PTC321	4-ch. Pt RTD card	\$545
PTC322	4-ch. Pt RTD card (single slot only)	\$545
PTC330E	4-ch. E-type thermocouple card	\$545
PTC330J	4-ch. J-type thermocouple card	\$545
PTC330K	4-ch. K-type thermocouple card	\$545
PTC330T	4-ch. T-type thermocouple card	\$545
PTC330N	4 channel N-type thermocouple reader	\$545
PTC420	600 W AC output card	\$545
PTC430	50 W DC output card	\$545
PTC440	TEC driver	\$545

Residual Gas Analyzers

RGA100	100 amu RGA (with RS-232 cable & software)	\$4,125
RGA200	200 amu RGA (with RS-232 cable & software)	\$4,950
RGA300	300 amu RGA (with RS-232 cable & software)	\$6,600
01	Electron multiplier (EM)	\$1,650
02	Built-in power module for AC line operation	\$275
03	Ion counting output (must have opt. 01)	\$275
O100HJR	200 °C heater jacket for RGAs	\$495
O100MAX	Maximum insertion nipple with 4.5" flange	\$660
O100EM	Replacement electron multiplier	\$1,100
O100RF	Replacement ThO ₂ /Ir filament for RGA	\$220
O100RI	Replacement ionizer kit (with filament) for RGA	\$495
PPM100	Optional stand-alone monitor for RGA	\$2,525

Closed Ion Source Gas Analyzers

CIS100/1	100 amu CIS (w/EM, RS-232 cable & software)	\$7,975
CIS200/1	200 amu CIS (w/EM, RS-232 cable & software)	\$8,800
CIS300/1	300 amu CIS (w/EM, RS-232 cable & software)	\$10,450
02	Built-in power module for AC line operation	\$275
O100HJC	200 °C heater jacket for CIS analyzers	\$435
O100EM	Replacement electron multiplier	\$1,100
O100RFT	Replacement ThO ₂ /Ir filament (qty. 2)	\$138
O100RFW	Replacement tungsten filament (qty. 5)	\$110
O100RIC	Replacement ionizer kit (with filament) for CIS	\$990
O100TDP	Turbomolecular pump and diaphragm pump	\$11,000

High Pressure Sampling Systems

PPR100/1	100 amu process monitoring system	\$20,900
PPR200/1	200 amu process monitoring system	\$21,725
PPR300/1	300 amu process monitoring system	\$23,375
QMS100	100 amu atmospheric sampling system	\$25,300
QMS200	200 amu atmospheric sampling system	\$26,125
QMS300	300 amu atmospheric sampling system	\$27,775
01	High-vacuum rear port for QMS analyzers	\$550
O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	\$3,850
UGA100	100 amu analyzer w/ electron multiplier & software	\$34,045
UGA200	200 amu analyzer w/ electron multiplier & software	\$35,145
UGA300	300 amu analyzer w/ electron multiplier & software	\$36,245
01	Multi-port (16 ch.) sampling inlet	\$5,500
02	Turbo pump venting port	\$2,750
O100HC	Heated capillary	\$1,100
O100PKC	Replacement PEEK capillary (760 Torr)	\$165
O100SSC	Stainless steel capillary (10, 100 or 760 Torr)	\$165

Gas Analyzer Accessories

O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	\$3,850
O100RO	Replacement orifice for O100BV (0.01, 0.1, 1 or 10 Torr)	\$55
O100TDP	Turbomolecular pump and diaphragm pump	\$11,000
O100DPR	Diaphragm pump factory rebuild	\$880
O100DPRK	Rebuild kit for diaphragm pump	\$605
O100TPE	Turbomolecular pump exchange	\$2,750

Ion Gauge Controller

IGC100	Ion gauge controller (with RS-232)	\$1,645
01	GPIB computer interface	\$325
02	Web interface with ethernet connection	\$655
03	Eight-channel process control	\$325
O100IG	Second ion gauge channel	\$215
O100IGRM	Rack mount tray for one or two IGC100s	\$165
O100C1	10 ft. cable for glass, single filament gauges	\$220
O100C1/1	25 ft. cable for glass, single filament gauges	\$275
O100C2	10 ft. cable for glass, dual filament gauges	\$220
O100C2/1	25 ft. cable for glass, dual filament gauges	\$275
O100C3	10 ft. cable for nude gauges	\$220
O100C3/1	25 ft. cable for nude gauges	\$275
O100CA1	Adapter for Micro-Ion [®] gauge	\$28

Bayard-Alpert Ionization Gauges

GR-075K	Kovar, 0.75", single filament, ThO ₂ /Ir	\$149
GR-075P	Pyrex, 0.75", single filament, ThO ₂ /Ir	\$143
GR-100F	2.75" CF, 1" side tube, single fil., ThO ₂ /Ir	\$325
GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	\$315
NR-F	Nude, bi-filar helix grid, single fil., ThO ₂ /Ir	\$525
NR-F-UHV	Nude, closed cage grid, dual fil., ThO ₂ /Ir	\$525
NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	\$545
O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	\$165
O100RFASR	Single ThO ₂ /Ir replacement fil. for NR-F	\$165
O100RFADR	Dual ThO ₂ /Ir replacement fil. for NR-F-UHV	\$195

Convection Enhanced Pirani Gauges

PG108	G-P Convector Pirani gauge, 1/8" NPT	\$143
01	1.33" rotatable CF flange	\$33
02	2.75" rotatable CF flange	\$44
03	16KF	\$22
04	25KF	\$33
05	40KF	\$61
06	1/4" VCR, female	\$28
07	1/2" VCR, female	\$66
O108C4	10 ft. cable for PG108, dual gauge	\$105
O108C4/1	25 ft. cable for PG108, dual gauge	\$143

Terms: For direct orders, prepayment or irrevocable letter of credit. Minimum order is \$300.

Shipping: FOB Sunnyvale, CA 94089. Standard shipment method is air freight collect 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 \$300 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 \$307.50. If the instrument is older than 10 years, there will be an additional 10.25 % charge (minimum charge of \$615). 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.