Stanford Research Systems

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International Price List – December 2013

Audio Analyzer

SR1	Dual-domain audio analyzer	$9,240
01	80 MHz digitizer	$1,650
02	High resolution display	$660
03	1 ppm TCXO timebase	$275
04	Precision jitter analysis	$1,650
O1RM	Rack mount kit for SR1	$110
O1HC	Handle & front panel cover for SR1	$330
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	$110
PERF10	Atomic rubidium audio oscillator	$3,845
01	12 VDC power input	$545

FFT Spectrum Analyzers

SR760	Single-channel FFT spectrum analyzer	$5,445
SR770	Single-channel FFT spectrum analyzer (w/ source)	$8,250
O760H	Carrying handle for SR760 and SR770	$110
O760RM	Rack mount kit for SR760 and SR770	$110
SR780	Dual-channel dynamic signal analyzer	$10,945
SR785	Dual-channel dynamic signal analyzer	$15,345
O780M1	8 MSample memory for SR780 and SR785	$880
O780RM	Rack mount kit for SR780 and SR785	$110
CT100	SRS instrument cart	$935

Synthesized Function Generators

DS335	3 MHz function generator	$1,425
01	GPIB and RS-232 interfaces	$545
02	2 ppm TCXO timebase	$385
DS340	15 MHz function/arb generator	$1,535
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	$110
O345RMS	Single rack mount kit for DS3XX	$110
DS360	Ultra-low distortion function generator	$3,075
03	10 MHz reference input for DS360	$765
O360RM	Rack mount kit	$110

RF Signal Generators

SG382	2 GHz signal generator	$4,290
SG384	4 GHz RF signal generator	$5,060
SG386	6 GHz signal generator	$6,490
01	Rear-panel clock outputs (SMA connectors)	$825
02	8 GHz doubler & DC bias (SG384 or SG386)	$825
03	External I/Q modulation	$825
04	Rubidium timebase	$1,650
RM2U-S	Single rack mount kit	$110
RM2U-D	Dual rack mount kit	$110
SG392	2 GHz vector signal generator	$5,950
SG394	4 GHz vector signal generator	$7,260
SG396	6 GHz vector signal generator	$9,240

04	Rubidium timebase	$1500
RM2U-S	Single rack mount kit	$110
RM2U-D	Dual rack mount kit	$110

Synthesized Clock Generator

CG635	Synthesized clock generator	$3,295
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	$325
CG641	CMOS (+3.3 Vcc) to 500 MHz receiver	$325
CG642	CMOS (+2.5 Vcc) to 500 MHz receiver	$325
CG643	PECL (+5 Vcc) to 2050 MHz receiver	$325
CG644	PECL (+3.3 Vcc) to 2050 MHz receiver	$325
CG645	PECL (+2.5 Vcc) to 2050 MHz receiver	$325
CG646	RF (+7 dBm) to 2050 MHz receiver	$325
CG647	CML/NIM to 2050 MHz receiver	$325
CG648	ECL to 2050 MHz receiver	$325
CG649	LVDS to 2050 MHz receiver	$325
CG650	All ten receivers (CG640-CG649)	$2,745
O635RMD	Double rack mount kit	$110
O635RMS	Single rack mount kit	$110

Frequency Standards / Oscillators

FS725	Benchtop rubidium frequency standard	$2,965
01	Distribution amplifier - 6 additional outputs	$545
02	Distribution amplifier - 12 additional outputs	$1,095
03	Distribution amplifier - 18 additional outputs	$1,645
O725RMD	Double rack mount kit for FS725	$110
O725RMS	Single rack mount kit for FS725	$110
FS730	Seven-channel distribution amplifier	Call
RM1U	1U dual rack mount	$110
FS735	Fourteen-channel distribution amplifier	Call
PRS10	10 MHz rubidium oscillator	$1,645
PRBB	Breakout connector board	$165
PRPS	24 VDC switching power supply	$165
PRHS	Benchtop heat sink	$110
PRMC	D-type mating connector	$55
SC10	10 MHz ovenized oscillator (base price, qty.100)	$275
FS710	10 MHz AGC distribution amplifier (7 channel)	$1,100

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)	$7,650

LCR Meters

SR715	10 kHz LCR meter (with RS-232)	$1,095
SR720	100 kHz meter (RS232, GPIB & Handler interface)	$1,645
SR726	Kelvin clips	$440
SR727	Surface mount tweezers	$330
SR728	Four-wire BNC adapter	$220
O727RT	2 pairs of replacement tips for SR727	$110
O715RAA	Replacement axial adapters (2 pair)	$110
O715RRF	Replacement radial fixture	$110

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	$220

Thermocouple Monitor

SR630	16-channel thermocouple monitor	$1,645
O630KF1	K-type thermocouples, 5 ft., fiberglass, qty. 5	$110
O630KF2	K-type thermocouples, 10 ft., fiberglass, qty. 5	$110
O630KT1	K-type thermocouples, 5 ft., teflon, qty. 5	$110
O630KT2	K-type thermocouples, 10 ft., teflon, qty. 5	$110
O630RMD	Double rack mount kit	$110
O630RMS	Single rack mount kit	$110

Digital Delay / Pulse Generator

DG645	Four-channel digital delay generator	$4,615
01	Eight delay channels (5 V)	$1,045
02	Eight delay channels (30 V)	$1,045
03	Combinatorial outputs	$1,045
04	OCXO timebase	$1,045
05	Rubidium timebase	$1,815
O645RMS	Single rack mount kit	$110
O645RMD	Dual rack mount kit	$110
SRD1	Fast rise time module (100 ps)	$275
DG535	Digital delay / pulse generator (with GPIB)	$4,615
02	+/-32 volt rear panel outputs	$715
03	1 ppm TCXO timebase	$385
06	Trigger inhibit input	$275
SRD1	Fast rise time module (100 ps)	$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	$545
RM1U	1U dual rack mount	$110

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	$1,095
02	Internal oscillator	$1,095
SR810	DSP single phase lock-in (with rack mount)	$4,565
SR830	DSP dual phase lock-in (with rack mount)	$5,445
SR844	200 MHz lock-in (with rack mount)	$9,295
SR850	DSP dual phase lock-in (with rack mount)	$8,745
O850H	Carrying handle kit	$110
SR124	200 kHz analog lock-in amplifier	$7,645
SX199	Remote optical interface unit for SR124	$1,205

Preamplifiers

SR560	Low-noise voltage preamplifier	$2,855
SR570	Low-noise current preamplifier	$2,635
O560RMD	Double rack mount kit for SR5XX	$110
O560RMS	Single rack mount kit for SR5XX	$110
O560SB	Spare battery set (3 batteries) for SR5XX	$220
SR445A	350 MHz preamplifier (4 ch.)	$1,320
RM1U	1U dual rack mount	$110
SR550	JFET lock-in voltage preamplifier	$825
SR552	BJT lock-in voltage preamplifier	$825
SR554	Lock-in transformer preamplifier	$1,320
SR555	Current preamplifier (10 V/æA)	$1,205
SR556	Current preamplfier (1 V/nA)	$1,205

Optical Chopper

SR540	Optical chopper (with 5/6 and 25/30 slot blades)	$1,315
O5402530	25/30 dual-slot replacement blade	$55
O54030	30-slot replacement blade	$55
O5405	5-slot replacement blade	$55
O54056	5/6 dual-slot replacement blade	$55
O540RCH	Replacement chopper head	$385

Laser Shutter

SR470	Shutter controller	$1,425
SR474	4-ch. shutter driver	$1,425
O470RMS	Single rack mount kit for SR470 and SR474	$110
O470RMD	Double rack mount kit for SR470 and SR474	$110
SR475	Shutter head (100 Hz)	$655
SR476	Shutter head (125 Hz)	$655

Laser Diode Controller

LDC500	Laser diode controller (w/ temperature controller)	$2,745
LDC501	Laser diode controller (w/ temperature controller)	$2,745
LDC502	Laser diode controller (w/ temperature controller)	$3,075
O500RM	Dual rack mount tray for LDC500 and LDC501	$165
O500C1	6' laser diode cable with flying leads	$165
O500C2	6' TEC cable with flying leads	$165
O500C3	6 foot laser diode cable with mating D connector	$165
O500C4	6 foot TEC cable with mating D connector	$165
O500C5	12' laser diode cable with mating D connector	$165
O500C6	12' TEC cable with mating D connector	$165

High Voltage Power Supplies

PS310	1.25 kV DC power supply, 25 W	$1,535
PS325	2.5 kV DC power supply, 25 W	$1,535
PS350	5.0 kV DC power supply, 25 W	$1,535
01	GPIB interface for PS310, PS325 & PS350	$655
/2D	Double rack mount kit (PS310, PS325, PS350)	$110
/2S	Single rack mount kit (PS310, PS325, PS350)	$110
/3A	SHV to SHV cable, 10 ft. (PS310, PS325, PS350)	$165
/3B	SHV to MHV 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.	$655
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.	$765
/3F	20 kV-SHV to 20 kV-SHV cable, 10 ft.	$875
O300RMD	Double rack mount kit (PS355, PS365, PS370,PS375)	$110
O300RMS	Single rack mount kit (PS355, PS365, PS370, PS375)	$110

Small Instrumentation Modules (SIM)

SIM900	Mainframe with RS-232 computer interface	$1,315
01	GPIB computer interface	$545
O900RM	Rack mount kit for SIM900	$110
SIM910	JFET preamplifier	$1,075
SIM911	BJT preamplifier	$1,075
SIM914	350 MHz preamplifier	$1,075
SIM918	Precision current preamplifier	$1,375
SIM921	AC resistance bridge	$2,745

SIM922	Diode temperature monitor	$985
SIM922A	Diode temperature monitor with analog output	$985
SIM923	Platinum RTD monitor	$985
SIM923A	Platinum RTD monitor with analog output	$985
SIM925	Octal 4-wire multiplexer	$1,090
SIM928	Rechargeable isolated voltage source	$1,205
O928RBA	Replacement battery assembly	$275
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	$1,095
SIM965	Bessel and Butterworth filter	$1,205
SIM970	Four-channel digital voltmeter	$1,530
SIM980	Analog summing amplifier	$1,095
SIM983	Scaling amplifier	$1,095
SIM984	Isolation amplifier	$1,095
SIM9B1	Blank single-wide SIM module	$165
SIM9B2	Blank double-wide SIM module	$195

Photon Counters

SR400	Dual-channel photon counter (w/ rack mount)	$5,885
SR430	Multichannel scaler / averager (with rack mount)	$8,745
SR445A	350 MHz preamplifier (4 ch.)	$1,320
O430H	Carrying handle kit	$110

Melting Point Apparatus

MPA100	Melting point apparatus (with USB & software)	$3,075
MPA120	Melting point apparatus	$2,415
MPA160	Melting point apparatus for students (100 to 132 VAC, 50 to 60 Hz)	$870
MPA161	Melting point apparatus for students (200 to 250 VAC, 50 to 60 Hz)	$870
O100MPC	Capillaries (300 pcs.)	$165
O100MPS	Melting point standards	$325
O100P	Printer with cable and paper (MPA100 only)	$655

Quartz Crystal Microbalance

QCM200	Includes controller, oscillator, holder and 3 crystals	$3,295
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)	$385
O100RX3	Titanium/gold crystals (qty. 10)	$385
O100RX4	Titanium/platinum crystals (qty. 10)	$495

Programmable Temperature Controllers

CTC100	Cryogenic temperature controller	$2,860
01	GPIB interface (replaces RS-232)	$545
O100CTRM	Rack mount tray for CTC100	$165
PTC10	Programmable temperature controller	$1,645
01	GPIB interface	$655
O10RM	Rack mount kit for PTC10	$110
PTC320	Thermistor/Diode/RTD reader	$545
PTC321	4-ch. Pt RTD card	$545
PTC322	4-ch. Pt RTD card (single slot only)	$545
PTC323	2 channel thermistor/diode/RTD	$825
PTC330E	4-ch. E-type thermocouple card	$545
PTC330J	4-ch. J-type thermocouple card	$545
PTC330K	4-ch. K-type thermocouple card	$545
PTC330N	4 channel N-type thermocouple reader	$545
PTC330T	4-ch. T-type thermocouple card	$545
PTC420	600 W AC ouptut card	$545
PTC430	50 W DC output card	$545
PTC431	100 W DC output card	$825
PTC440	TEC driver	$545

Nitrogen Laser

NL100	Nitrogen laser	$5,225
01	Optional sync-out pulse	$275
O100RC	Replacement laser cartridge	$3,300

Potentiostat / Galvanostat

EC301	30 V / 1 A potentiostat / galvanostat	$8,789

Residual Gas Analyzers

RGA100	100 amu RGA (with RS-232 cable & software)	$4,125
RGA200	200 amu RGA (with RS-232 cable & software)	$5,225
RGA300	300 amu RGA (with RS-232 cable & software)	$6,875
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	Heater jacket for RGAs (120 VAC & 220 VAC)	$495
O100MAX	Maximum insertion nipple with 4.5" flange	$660
O100EM	Replacement electron multiplier	$1,100
O100RI	Replacement ionizer kit (with filament) for RGA	$495
O100REA	Ethernet adapter for RGA	$545
O100RF	Replacement ThO2Ir filament for RGA	$220
PPM100	Optional stand-alone monitor for RGA	$2,745

Closed Ion Source Gas Analyzers

CIS100	100 amu CIS (w/EM, RS-232 cable & software)	$7,975
CIS200	200 amu CIS (w/EM, RS-232 cable & software)	$9,075
CIS300	300 amu CIS (w/EM, RS-232 cable & software)	$10,725
02	Built-in power module for AC line operation	$275
O100REA	Ethernet adapter for RGA	$545
O100EM	Replacement electron multiplier	$1,100
O100RFT	Replacement ThO2Ir 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	100 amu process monitoring system	$20,900
PPR200	200 amu process monitoring system	$22,000
PPR300	300 amu process monitoring system	$23,650
QMS100	100 amu atmospheric sampling system	$25,300
QMS200	200 amu atmospheric sampling system	$26,400
QMS300	300 amu atmospheric sampling system	$28,050
01	High-vacuum rear port for QMS analyzers	$550
O100REA	Ethernet adapter for RGA	$545
O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	$3,850
UGA100	100 amu analyzer w/ electron multiplier & software	$37,345
UGA200	200 amu analyzer w/ electron multiplier & software	$38,445
UGA300	300 amu analyzer w/ electron multiplier & software	$40,095
01	Multi-port (16 ch.) sampling inlet	$5,500
02	Turbo pump venting port	$2,750
03	Upgrade turbo pump for high H2 concentrations	$6,600
O100HC	Heated capillary	$1,100
ULT100	100 amu analyzer w/ electron multiplier & software	$30,800
ULT200	200 amu analyzer w/ electron multiplier & software	$31,900
ULT300	300 amu analyzer w/ electron multiplier & software	$33,550
01	Ion gauge	$1,650
02	Turbo pump venting port	$2,750

Gas Analyzer Accessories

O100RF	Replacement ThO2Ir filament for RGA	$220
O100RI	Replacement ionizer kit (with filament) for RGA	$495
O100EM	Replacement electron multiplier	$1,100
O100RO	Replacement orifice (0.01, 0.1, 1.0 or 10 Torr)	$110
O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	$3,850
O100PKC	Replacement PEEK capillary (760 Torr)	$165
O100SSC	Stainless steel capillary (10, 100 or 760 Torr)	$165

O100RFT	Replacement ThO2Ir 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
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	$325
O100IGRM	Rack mount tray for one or two IGC100s	$165
O100C1	10 ft. cable for glass, single filament gauges	$275
O100C1/1	25 ft. cable for glass, single filament gauges	$435
O100C2	10 ft. cable for glass, dual filament gauges	$275
O100C2/1	25 ft. cable for glass, dual filament gauges	$435
O100C3	10 ft. cable for nude gauges	$275
O100C3/1	25 ft. cable for nude gauges	$435
O100CA1	Adapter for Micro-Ion gauge	$110

Bayard-Alpert Ionization Gauges

GR-100F	2.75" CF, 1" side tube, single fil., ThO2Ir	$655
GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	$605
NR-F	Nude, bi-filar helix grid, single fil., ThO2Ir	$715
NR-F-UHV	Nude, closed cage grid, dual fil., ThO2Ir	$715
NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	$715
O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	$200
O100RFASR	Single ThO2Ir replacement fil. for NR-F	$165
O100RFADR	Dual ThO2Ir replacement fil. for NR-F-UHV	$195

Convection Enhanced Pirani Gauges

PG108	G-P Convectron Pirani gauge, 1/8" NPT	$220
01	1.33" rotatable CF flange	$110
02	2.75" rotatable CF flange	$110
03	16KF	$110
04	25KF	$110
05	40KF	$110
06	1/4" VCR, female	$110
O108C4	10 ft. cable for PG108, dual gauge	$165
O108C4/1	25 ft. cable for PG108, dual gauge	$220

Terms: Prepayment through bank transfer, Mastercard or VISA, irrevocable letter of credit, net 30 day terms (for approved customers. 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 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.