Stanford Research Systems

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International Price List – September 2016

Audio Analyzer

SR1	Dual-domain audio analyzer	$10,340
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	$165
O1HC	Handle & front panel cover for SR1	$330
SR10	Balanced input switcher	$2,195
SR11	Balanced output switcher	$2,195
SR12	Unbalanced I/O switcher	$2,195
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

Synthesized Function Generators

DS335	3 MHz function generator	$1,535
01	GPIB and RS-232 interfaces	$545
02	2 ppm TCXO timebase	$385
DS340	15 MHz function/arb generator	$1,645
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	$3,185
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	$3,075
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)	$385
FS710	10 MHz AGC distribution amplifier (7 channel)	$1,210

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)	$1,425
SR720	100 kHz meter (RS232, GPIB & Handler interface)	$1,645
SR726	Kelvin clips	$550
SR727	Surface mount tweezers	$330
SR728	Four-wire BNC adapter	$330
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	$4,725
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	$765
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
SR860	500 kHz lock-in amplifier (with rack mount)	$7,145
SR865	2 MHz lock-in amplifier (with rack mount)	$8,745
SR844	200 MHz lock-in (with rack mount)	$9,295
SR850	DSP dual phase lock-in (with rack mount)	$9,845
O850H	Carrying handle kit	$110
SR124	200 kHz analog lock-in amplifier	$7,645
SX199	Remote interface unit for SR124 (w/ 3 m fiber cable)	$1,205
O100SX	3 meter fiber optic cable for SX199	$85
O100SXL	10 meter fiber optic cable for SX199	$110

Preamplifiers

SR560	Low-noise voltage preamplifier	$2,855
SR570	Low-noise current preamplifier	$2,855
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/µA)	$1,205
SR556	Current preamplifier (1 V/nA)	$1,205

Voltage Controlled Current Source

CS580	Voltage controlled I-source (w/ 6 ft. Triax cable)	$2,745
O100TX	6 ft. replacement Triax cable	$275

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	$1,535
SR474	4-ch. shutter driver	$1,535
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	$1,645
PS325	2.5 kV DC power supply, 25 W	$1,645
PS350	5.0 kV DC power supply, 25 W	$1,645
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	$2,855
PS365	+10 kV supply with GPIB and RS-232	$2,855
/3C	10 kV-SHV to open-ended cable, 10 ft.	$545
/3D	10 kV-SHV to 10 kV-SHV cable, 10 ft.	$765
PS370	-20 kV supply with GPIB and RS-232	$2,855
PS375	+20 kV supply with GPIB and RS-232	$2,855
/3E	20 kV-SHV to open-ended cable, 10 ft.	$875
/3F	20 kV-SHV to 20 kV-SHV cable, 10 ft.	$985
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	$1,425
01	GPIB computer interface	$545
O900RM	Rack mount kit for SIM900	$110
SIM910	JFET preamplifier	$1,205
SIM911	BJT preamplifier	$1,205
SIM914	350 MHz preamplifier	$1,205
SIM918	Precision current preamplifier	$1,535
SIM921	AC resistance bridge	$2,745
SIM922	Diode temperature monitor	$1095
SIM922A	Diode temperature monitor with analog output	$1095
SIM923	Platinum RTD monitor	$1095
SIM923A	Platinum RTD monitor with analog output	$1095
SIM925	Octal 4-wire multiplexer	$1,090
SIM928	Rechargeable isolated voltage source	$1,315
O928RBA	Replacement battery assembly	$275
SIM940	Rubidium frequency standard	$2,195
SIM954	Dual-channel 300 MHz inverting amplifier	$1,315
SIM960	100 kHz analog PID controller	$1,925
SIM964	1 MHz analog limiter	$1,095
SIM965	Bessel and Butterworth filter	$1,315
SIM970	Four-channel digital voltmeter	$1,645
SIM980	Analog summing amplifier	$1,205
SIM983	Scaling amplifier	$1,205
SIM984	Isolation amplifier	$1,205
SIM9B1	Blank single-wide SIM module	$165
SIM9B2	Blank double-wide SIM module	$250

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
MPA161	Melting point apparatus for students	$790
O100MPC	Capillaries (300 pcs.)	$165
O100MPS	Melting point standards	$435
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	$275
O100FC	Flow cell	$435
O100RXO	Replacement crystal oscillator electronics module	$435
O100RH	Replacement crystal holder	$435
O100RX1	Chrome/gold crystals (qty. 10)	$545
O100RX3	Titanium/gold crystals (qty. 10)	$545
O100RX4	Titanium/platinum crystals (qty. 10)	$765

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	$655
PTC321	4-ch. Pt RTD card	$655
PTC322	4-ch. Pt RTD card (single slot only)	$655
PTC323	2 channel thermistor/diode/RTD	$935
PTC330E	4-ch. E-type thermocouple card	$655
PTC330J	4-ch. J-type thermocouple card	$655
PTC330K	4-ch. K-type thermocouple card	$655
PTC330N	4 channel N-type thermocouple reader	$655
PTC330T	4-ch. T-type thermocouple card	$655
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	$5,445
01	Optional sync-out pulse	$275
O100RC	Replacement laser cartridge	$3,630

Potentiostat / Galvanostat

EC301	30 V / 1 A potentiostat / galvanostat	$8,789
O100BST	5 amp (100 W) power booster for EC301	$1,045
O200BST	10 amp (200 W) power booster for EC301	$2,145
O400BST	20 amp (400 W) power booster for EC301	$4,345

Binary Gas Analyzer

BGA244	Process gas analyzer (w/ 1/8 inch female NPT)	$4,345
BGA244E	BGA244 in IP-67 rated enclosure (w/ 1/8 inch NPT)	$4,785
BGA244HP	Process gas analyzer (w/ welded 1/4 inch male VCR)	$5,170
BGA-24	Universal +24 V power supply	$110
BGA-S	Acrylic shield to protect display	$55
BGA-M	Metal cover to replace display	$55

Residual Gas Analyzer

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
O100HJRW	Heater jacket for RGAs (120 VAC & 220 VAC)	$1,095
O100MAX	Maximum insertion nipple with 4.5" flange	$765
O100EM	Replacement electron multiplier	$1,210
O100RI	Replacement ionizer kit (with filament) for RGA	$550
O100REA	Ethernet adapter for RGA	$545
O100RF	Replacement ThO2Ir filament for RGA	$275
PPM100	Optional stand-alone monitor for RGA	$3,295

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	$1,210
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	$12,075

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	$1,430
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	$275
O100RI	Replacement ionizer kit (with filament) for RGA	$550
O100EM	Replacement electron multiplier	$1,210
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
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
O100C110	10 ft. cable for glass, single filament gauges	$305
O100C125	25 ft. cable for glass, single filament gauges	$330
O100C210	10 ft. cable for glass, dual filament gauges	$305
O100C225	25 ft. cable for glass, dual filament gauges	$330
O100C310	10 ft. cable for nude gauges	$305
O100C325	25 ft. cable for nude gauges	$330
O100CA1	Adapter for Micro-Ion gauge	$110

Bayard-Alpert Ionization Gauges

GR-100F	2.75" CF, 1" side tube, single fil., ThO2Ir	$440
GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	$440
NR-F	Nude, bi-filar helix grid, single fil., ThO2Ir	$595
NR-F-UHV	Nude, closed cage grid, dual fil., ThO2Ir	$605
NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	$630
O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	$220
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	$85
02	2.75" rotatable CF flange	$85
03	16KF	$85
04	25KF	$85
05	40KF	$85
06	1/4" VCR, female	$85
O108C410	10 ft. cable for PG108, dual gauge	$140
O108C425	25 ft. cable for PG108, dual gauge	$195