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U.S.A. Price List – March, 2006

FFT Spectrum Analyzers

SR760	Single-channel FFT spectrum analyzer	\$4950
SR770	Single-channel FFT spectrum analyzer (w/ source)	\$6500
O760H	Carrying handle for SR760 and SR770	\$100
O760RM	Rack mount kit for SR760 and SR770	\$85
SR780	Dual-channel dynamic signal analyzer	\$9950
SR785	Dual-channel dynamic signal analyzer	\$11950
O780M1	8 MSample memory for SR780 and SR785	\$800
O780RM	Rack mount kit for SR780 and SR785	\$85
CT100	SRS instrument cart	\$850

Synthesized Function Generators

DS335	3 MHz function generator	\$1095
01	GPIB and RS-232 interfaces	\$495
02	2 ppm TCXO timebase	\$350
DS340	15 MHz function/arb generator	\$1295
01	GPIB & RS-232 interfaces, arb. software	\$495
02	2 ppm TCXO timebase	\$350
DS345	30 MHz function/arb generator	\$1595
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	\$2795
O360RM	Rack mount kit	\$85

Synthesized Clock Generator

CG635	Synthesized clock generator	\$2490
01	PRBS w/ comp. LVDS on SMA	\$550
02	OCXO timebase	\$650
03	Rubidium timebase	\$1650
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
O635RMD	Double rack mount kit	\$85
O635RMS	Single rack mount kit	\$85

LCR Meters

SR715	10 kHz LCR meter (with RS-232)	\$995
01	GPIB and parts handler interfaces for SR715	\$495
SR720/1	100 kHz meter w/ RS-232, GPIB & handler interface	\$1495
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)	\$4950
01	2 ppb high stability OCXO timebase	\$950
SR625	SR620 w/ rubidium timebase (w/ rack mount)	\$12500

Frequency Standards / Oscillators

FS725	Benchtop rubidium frequency standard	\$2495
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
PRS10	10 MHz rubidium oscillator	<i>qty. 1 to 499</i> \$1495
		<i>qty. 500 to 999</i> \$995
		<i>qty. 1000</i> \$895
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
FS700	LORAN-C freq. std. (with GPIB & rack mount)	\$2950
01	Low phase noise oscillator	\$450
02	RS-232 computer interface	\$350
O700ANT	Replacement antenna	\$250
O700LNG	Lightning protection module	\$100
FS710	10 MHz AGC distribution amplifier (7 channel)	\$1000

Thermocouple Monitor

SR630	16-channel thermocouple monitor	\$1495
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

Dual Channel Programmable Filters

SR640	Two-channel low pass filter (w/ rack mount)	\$3295
SR645	Two-channel high pass filter (w/ rack mount)	\$3295
SR650	One high, one low pass filter (w/ rack mount)	\$3295
01	High current output for SR6XX filters	\$150

Digital Delay / Pulse Generator

DG535	Digital delay / pulse generator (with GPIB)	\$3995
02	+/-32 volt rear panel outputs	\$650
03	1 ppm TCXO timebase	\$350
06	Trigger inhibit input	\$250
O4A	100 ps rise time module	\$250
O4B	100 ps fall time module	\$250
O4C	Bias Tee (used with opt. 02 & O4A or O4B)	\$100
O5	Dual rack mount tray	\$150

Lock-In Amplifiers

SR510	Single phase lock-in (w/ RS-232 & rack mount)	\$2495
SR530	Dual phase lock-in (w/ RS-232 & rack mount)	\$2995
01	GPIB computer interface	\$695
SR810	DSP single phase lock-in (with rack mount)	\$3650
SR830	DSP dual phase lock-in (with rack mount)	\$4200
SR844	200 MHz lock-in (with rack mount)	\$7950
SR850	DSP dual phase lock-in (with rack mount)	\$7500
O850H	Carrying handle kit	\$100

Preamplifiers

SR560	Low-noise voltage preamplifier	\$2295
SR570	Low-noise current preamplifier	\$2295
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.)	\$1100
SR550	Lock-in voltage preamp. (100 M Ω , 3.6 nV/ $\sqrt{\text{Hz}}$)	\$595
SR552	Lock-in voltage preamp. (100 k Ω , 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)	\$1095
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

High Voltage Power Supplies

PS310	1.25 kV DC power supply, 25 W	\$1350
PS325	2.5 kV DC power supply, 25 W	\$1350
PS350	5.0 kV DC power supply, 25 W	\$1350
O1	GPIB computer interface for PS3XX	\$495
O2D	Double rack mount kit for PS3XX	\$85
O2S	Single rack mount kit for PS3XX	\$85
O3A	SHV to SHV coaxial cable, 10 ft.	\$150
O3B	SHV to MHV coaxial cable, 10 ft.	\$150

Gated Integrators / Boxcar Averagers (NIM Modules)

SR200	Gate scanner for SR250 and SR255	\$1000
SR235	Analog math processor	\$1500
SR240A	350 MHz preamplifier (4 channel)	\$1000
SR245	Computer interface (GPIB and RS-232)	\$1500
SR250	Gated integrator	\$2990
SR255	Fast sampler	\$2990
SR272	Data acquisition Windows software	\$500
SR275	Display module (without power supply)	\$800
SR280	NIM mainframe & display (with power supply)	\$2000

Small Instrumentation Modules (SIM)

SIM900	Mainframe with RS-232 computer interface	\$995
O1	GPIB computer interface	\$495
O900RM	Rack mount kit for SIM900	\$85
SIM910	JFET preamplifier (100 M Ω , 4 nV/ $\sqrt{\text{Hz}}$)	\$975
SIM911	BJT preamplifier (100 k Ω , 1.8 nV/ $\sqrt{\text{Hz}}$)	\$975
SIM914	350 MHz preamplifier, (50 Ω , 6.4 nV/ $\sqrt{\text{Hz}}$)	\$975
SIM918	Precision current preamplifier	\$1250
SIM921	AC resistance bridge (1 m Ω to 100 M Ω)	\$2495
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
SIM940	Rubidium frequency standard	\$1495
SIM960	100 kHz analog PID controller	\$1750
SIM964	1 MHz analog limiter	\$675
SIM965	Bessel and Butterworth filter	\$995
SIM970	Four-channel digital voltmeter	\$1390
SIM980	Analog summing amplifier	\$675
SIM983	Scaling amplifier	\$675

Photon Counters

SR400	Dual-channel gated photon counter (w/ rack mount)	\$5350
SR430	Multichannel scaler / averager (with rack mount)	\$7950
O430H	Carrying handle kit	\$100

Quartz Crystal Microbalance

QCM100	Includes controller, oscillator, holder and 3 crystals	\$995
QCM200	Includes controller, oscillator, holder and 3 crystals	\$2495
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)	\$2495
O100P	Printer with cable and paper	\$395
O100MPC	Capillaries (300 pcs.)	\$150
O100MPS	Melting point standards	\$295
MPA120	Melting point apparatus	\$1495
O100MPC	Capillaries (300 pcs.)	\$150
O100MPS	Melting point standards	\$295

Nitrogen Laser

NL100	Nitrogen laser	\$4500
O1	Optional sync-out pulse	\$250

Residual Gas Analyzers

RGA100	100 amu RGA (with RS-232 cable & software)	\$3750
RGA200	200 amu RGA (with RS-232 cable & software)	\$4500
RGA300	300 amu RGA (with RS-232 cable & software)	\$6000
O1	Electron multiplier (EM)	\$1500
O2	Built-in power module for AC line operation	\$250
O3	Ion counting output (must have opt. O1)	\$250
O100HJR	200 °C heater jacket for RGAs	\$395
O100MAX	Maximum insertion nipple with 4.5" flange	\$400
O100EM	Replacement electron multiplier	\$1000
O100RF	Replacement ThO ₂ /Ir filament for RGA	\$200
O100RI	Replacement ionizer kit (with filament) for RGA	\$450
PPM100	Optional stand-alone monitor for RGA	\$2295

Closed Ion Source Gas Analyzers

CIS100/1	100 amu CIS (w/EM, RS-232 cable & software)	\$7250
CIS200/1	200 amu CIS (w/EM, RS-232 cable & software)	\$8000
CIS300/1	300 amu CIS (w/EM, RS-232 cable & software)	\$9500
O2	Built-in power module for AC line operation	\$250
O100HJC	200 °C heater jacket for CIS analyzers	\$395
O100EM	Replacement electron multiplier	\$1000
O100RFT	Replacement ThO ₂ /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	\$9975

High Pressure Sampling Systems

PPR100/1	100 amu process monitoring system	\$19000
PPR200/1	200 amu process monitoring system	\$19750
PPR300/1	300 amu process monitoring system	\$21250
QMS100	100 amu atmospheric sampling system	\$23000
QMS200	200 amu atmospheric sampling system	\$23750
QMS300	300 amu atmospheric sampling system	\$25250
O1	High-vacuum rear port for QMS analyzers	\$500
O100BV	Bypass-valve assembly with orifice	\$3500
O100SSC	Stainless steel capillary (10, 100 or 760 Torr)	\$150
O100PKC	Replacement PEEK capillary (760 Torr)	\$150

Gas Analyzer Accessories

O100BV	Bypass-valve assembly with orifice	\$3500
O100RO	Replacement orifice for O100BV	\$50
O100TDP	Turbomolecular pump and diaphragm pump	\$9975
O100DPR	Diaphragm pump factory rebuild	\$800
O100DPRK	Rebuild kit for diaphragm pump	\$550
O100TPE	Turbomolecular pump exchange	\$2500

Ion Gauge Controller

IGC100	Ion gauge controller (with RS-232)	\$1495
O1	GPIB computer interface	\$295
O2	Web interface with ethernet connection	\$395
O3	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 [®] gauge	\$25

Bayard-Alpert Ionization Gauges

GR-075K	Kovar, 0.75", single filament, ThO ₂ /Ir	\$135
GR-075P	Pyrex, 0.75", single filament, ThO ₂ /Ir	\$130
GR-100F	2.75" CF, 1" side tube, single fil., ThO ₂ /Ir	\$225
GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	\$235
NR-F	Nude, bi-filar helix grid, single fil., ThO ₂ /Ir	\$430
NR-F-UHV	Nude, closed cage grid, dual fil., ThO ₂ /Ir	\$450
NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	\$430
O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	\$130
O100RFASR	Single ThO ₂ /Ir replacement fil. for NR-F	\$130
O100RFADR	Dual ThO ₂ /Ir replacement fil. for NR-F-UHV	\$155

Convection Enhanced Pirani Gauges

PG105U	Pirani gauge (bakeable to 250 °C, 1/8" NPT)	\$250
01	1.33" CF flange	\$50
02	2.75" CF flange	\$50
03	NW16KF flange	\$30
04	NW25KF flange	\$30
05	VCR 1/4" fitting	\$30
O105C4	10 ft. cable for PG105U, dual gauge	\$50
O105C4/1	25 ft. cable for PG105U, dual gauge	\$65
O105CA1	Adapter for CONVECTRON [®] gauge	\$50
O105CA2	Adapter for HPS [®] series 317 gauge	\$25

Terms: Net 30 Days. Minimum order is \$200.

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 defects in material and workmanship for one year from date of shipment. Chopper motors, 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 owner) is normally 10% of the current instrument price (including installed options), with a minimum charge of \$200. If the instrument is older than 10 years, there will be an additional 10% charge (minimum \$400). 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 issued by SRS. All instruments are calibrated to NIST traceable standards (Gas Analyzers excluded). A certificate of calibration is available at no charge if requested at the time the order is placed. There is a \$50 charge per unit for calibration certificates requested after the unit has shipped.

Supersedes all prior price lists. Prices subject to change without notice.