

CG642

CG643 CG644

CG645

CMOS (+2.5 Vcc) to 500 MHz receiver

PECL (+5 Vcc) to 2050 MHz receiver

PECL (+3.3 Vcc) to 2050 MHz receiver

PECL (+2.5 Vcc) to 2050 MHz receiver

Stanford Research Systems

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International Price List - July 2011

			00046	DE (17 4D) 4- 2050 MH	¢275
Audio Analyz		****	CG646 CG647	RF (+7 dBm) to 2050 MHz receiver CML/NIM to 2050 MHz receiver	\$275 \$275
SR1	Dual-domain audio analyzer	\$9,240	CG648	ECL to 2050 MHz receiver	\$275 \$275
01	80 MHz digitizer	\$1,650	CG649	LVDS to 2050 MHz receiver	\$275 \$275
02	High resolution display	\$660	CG650	All ten receivers (CG640-CG649)	\$2,195
O1RM	Rack mount kit for SR1	\$110	O635RMD	Double rack mount kit	\$110
SR10	Balanced input switcher	\$1,650	O635RMS	Single rack mount kit	\$110
SR11	Balanced output switcher	\$1,650	OOSSKIVIS	Single fack mount kit	\$110
SR12	Unbalanced I/O switcher	\$1,650	E C4	t 11- / O	
OSR10RM	Rack mount kit for SR10, SR11 and SR12	\$110		tandards / Oscillators	#2.065
PERF10	Atomic rubidium audio oscillator	\$3,845	FS725	Benchtop rubidium frequency standard	\$2,965
01	12 VDC power input	\$545	01	Distribution amplifier - 6 additional outputs	\$440
DDT C			02 03	Distribution amplifier - 12 additional outputs Distribution amplifier - 18 additional outputs	\$880
FFT Spectru			03 0725RMD	Double rack mount kit for FS725	\$1,320 \$110
SR760	Single-channel FFT spectrum analyzer	\$5,445	0725RMS	Single rack mount kit for FS725	\$110
SR770	Single-channel FFT spectrum analyzer (w/ source)	\$8,250	FS730	e	\$110 \$715
O760H	Carrying handle for SR760 and SR770	\$110	RM1U	Seven-channel distribution amplifier 1U dual rack mount	\$110
O760RM	Rack mount kit for SR760 and SR770	\$110	FS735	Fourteen-channel distribution amplifier	\$825
SR780	Dual-channel dynamic signal analyzer	\$10,945	PRS10	10 MHz rubidium oscillator	\$1,645
SR785	Dual-channel dynamic signal analyzer	\$15,345	PRBB	Breakout connector board	\$1,043
O780M1	8 MSample memory for SR780 and SR785	\$880	PRPS	24 VDC switching power supply	\$165
O780RM	Rack mount kit for SR780 and SR785	\$110	PRHS	Benchtop heat sink	\$110
CT100	SRS instrument cart	\$935	PRMC	D-type mating connector	\$55
			SC10	10 MHz ovenized oscillator (base price, qty.100)	\$275
	Function Generators		FS710	10 MHz AGC distribution amplifier (7 channel)	\$1,100
DS335	3 MHz function generator	\$1,205	15/10	10 Milz Moe distribution amplifier (7 channel)	φ1,100
01	GPIB and RS-232 interfaces	\$545	Time Interve	al and Frequency Counters	
02	2 ppm TCXO timebase	\$385	SR620	Time interval/frequency counter (w/ rack mount)	\$5,445
DS340	15 MHz function/arb generator	\$1,425	01	2 ppb high stability OCXO timebase	\$3,443 \$1,045
01	GPIB & RS-232 interfaces, arb. software	\$545	SR625	SR620 w/ rubidium timebase (w/ rack mount)	\$7,650
02	2 ppm TCXO timebase	\$385	SK023	SK020 W/ Iubidium timebase (W/ fack mount)	\$7,030
DS345	30 MHz function/arb generator	\$1,755	I CD Matama		
01	GPIB & RS-232 interfaces, arb. software	\$545	LCR Meters	10.1 H LCD (1:1 DC 200)	#1.007
02 0245PMD	10 ppb high stability OCXO timebase	\$715	SR715 SR720	10 kHz LCR meter (with RS-232)	\$1,095
O345RMD	Double rack mount kit for DS3XX	\$110		100 kHz meter w/ RS-232, GPIB & Handler interface	\$1,645
O345RMS DS360	Single rack mount kit for DS3XX	\$110 \$3,075	SR726 SR727	Kelvin clips Surface mount tweezers	\$330 \$330
03	Ultra-low distortion function generator 10 MHz reference input for DS360	\$3,073 \$765	SR728	Four-wire BNC adapter	\$220
O360RM	Rack mount kit	\$110	O727RT	2 pairs of replacement tips for SR727	\$110
OSOURIVI	Rack mount kit	\$110	0715RAA	Replacement axial adapters (2 pair)	\$110
RF Signal Ge	manatana		O715RRA O715RRF	Replacement radial fixture	\$110
		¢4.200	0/13KKI	Replacement radial fixture	ψ110
SG382	2 GHz signal generator	\$4,290	Dual Channa	el Programmable Filters	
SG384 SG386	4 GHz RF signal generator 6 GHz signal generator	\$5,060 \$6,400	SR640	Two-channel low pass filter (w/ rack mount)	\$2.625
01	Rear-panel clock outputs (SMA connectors)	\$6,490 \$825	SR645	Two-channel high pass filter (w/ rack mount)	\$3,625 \$3,625
02	8 GHz doubler & DC bias (SG384 or SG386)	\$825	SR650	One high, one low pass filter (w/ rack mount)	\$3,625
03	External I/O modulation	\$825	01	High current output for SR6XX filters	\$220
04	Rubidium timebase	\$1,650	01	riigh current output for SKOAA finers	Ψ220
RM2U-S	Single rack mount kit	\$110	Thommosoum	la Manitan	
RM2U-D	Dual rack mount kit	\$110	Thermocoup		¢1.645
10.120 B	Dual fuck mount kit	Ψ110	SR630	16-channel thermocouple monitor	\$1,645
Synthesized Clock Generator			O630KF1	K-type thermocouples, 5 ft., fiberglass, qty. 5	\$110 \$110
CG635	Synthesized clock generator	\$3.205	O630KF2	K-type thermocouples, 10 ft., fiberglass, qty. 5 K-type thermocouples, 5 ft., teflon, qty. 5	\$110 \$110
01	PRBS w/ comp. LVDS on SMA	\$3,295 \$605	O630KT1 O630KT2	K-type thermocouples, 5 ft., terion, qty. 5 K-type thermocouples, 10 ft., terion, qty. 5	\$110 \$110
02	OCXO timebase	\$605 \$715	O630RMD	Double rack mount kit	\$110
03	Rubidium timebase	\$1,815	O630RMS	Single rack mount kit	\$110
CG640	CMOS (+5 Vcc) to 100 MHz receiver	\$1,813 \$275	OUSURIVIS	Single fack mount kit	\$11U
CG641	CMOS (+3.3 Vcc) to 500 MHz receiver	\$275 \$275			
CG642	CMOS (+3.5 Vcc) to 500 MHz receiver	\$275			

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Digital Delay /	Pulse Generator		Laser Diode	Controller	
DG645	Four-channel digital delay generator	\$4,395	LDC500	Laser diode controller (w/ temperature controller)	\$2,745
01	Eight delay channels (5 V)	\$825	LDC501	Laser diode controller (w/ temperature controller)	\$2,745
02	Eight delay channels (30 V)	\$1,045	LDC502	Laser diode controller (w/ temperature controller)	\$3,075
03	Combinatorial outputs	\$825	O500RM	Dual rack mount tray for LDC500 and LDC501	\$165
04	OCXO timebase	\$825	O500C1	6' laser diode cable with flying leads	\$110
05	Rubidium timebase	\$1,815	O500C2	6' TEC cable with flying leads	\$110
O645RMS	Single rack mount kit	\$110	O500C3	6 foot laser diode cable with mating D connector	\$110
O645RMD	Dual rack mount kit	\$110	O500C4	6 foot TEC cable with mating D connector	\$110
SRD1	Fast rise time module (100 ps)	\$275	O500C5	12' laser diode cable with mating D connector	\$140
DG535	Digital delay / pulse generator (with GPIB)	\$4,395	O500C6	12' TEC cable with mating D connector	\$140
02	+/-32 volt rear panel outputs	\$715	*** 1 ** 1.	D 0 11	
03 06	1 ppm TCXO timebase	\$385		Power Supplies	
SRD1	Trigger inhibit input Fast rise time module (100 ps)	\$275 \$275	PS310	1.25 kV DC power supply, 25 W	\$1,535
/4B	100 ps fall time module	\$275 \$275	PS325	2.5 kV DC power supply, 25 W	\$1,535
/4C	Bias Tee (used with opt. 02 & O4A or O4B)	\$110	PS350	5.0 kV DC power supply, 25 W	\$1,535
/5	Dual rack mount tray	\$165	01	GPIB interface for PS310, PS325 & PS350	\$655
DB64	Coax delay box	\$435	/2D /2S	Double rack mount kit (PS310, PS325, PS350)	\$110 \$110
RM1U	1U dual rack mount	\$110	/3A	Single rack mount kit (PS310, PS325, PS350) SHV to SHV cable, 10 ft. (PS310, PS325, PS350)	\$165
			/3B	SHV to MHV cable, 10 ft. (PS310, PS325, PS350)	\$165
Gated Integra	tors / Boxcar Averagers (NIM Modules)		PS355	-10 kV supply with GPIB and RS-232	\$2,475
SR200	Gate scanner for SR250 and SR255	\$1,100	PS365	+10 kV supply with GPIB and RS-232	\$2,475
SR235	Analog math processor	\$1,650	/3C	10 kV-SHV to open-ended cable, 10 ft.	\$435
SR240A	350 MHz preamplifier (4 channel)	\$1,100	/3D	10 kV-SHV to 10 kV-SHV cable, 10 ft.	\$545
SR245	Computer interface (GPIB and RS-232)	\$1,650	PS370	-20 kV supply with GPIB and RS-232	\$2,475
SR250	Gated integrator	\$3,290	PS375	+20 kV supply with GPIB and RS-232	\$2,475
SR255	Fast sampler	\$3,290	/3E	20 kV-SHV to open-ended cable, 10 ft.	\$655
SR272	Data acquisition Windows software	\$550	/3F	20 kV-SHV to 20 kV-SHV cable, 10 ft.	\$765
SR275	Display module (without power supply)	\$880	O300RMS	Single rack mount kit (PS355, PS365, PS370, PS375)	\$110
SR280	NIM mainframe & display (with power supply)	\$2,200	O300RMD	Double rack mount (PS355, PS365, PS370, PS375)	\$110
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Lock-In Ampl		00.745		mentation Modules (SIM)	#4.00 #
SR510	Single phase lock-in (w/ RS-232 & rack mount)	\$2,745	SIM900	Mainframe with RS-232 computer interface	\$1,095
SR530	Dual phase lock-in (w/ RS-232 & rack mount)	\$3,295	01	GPIB computer interface	\$545
01	GPIB computer interface	\$1,095	O900RM	Rack mount kit for SIM900	\$110
02 SR810	Internal oscillator DSP single phase lock-in (with rack mount)	\$1,095 \$4,235	SIM910	JFET preamplifier (100 M Ω , 4 nV/ \sqrt{Hz})	\$1,075
SR830	DSP dual phase lock-in (with rack mount)	\$5,225	SIM911	BJT preamplifier (100 k Ω , 1.8 nV/ $\sqrt{\text{Hz}}$)	\$1,075
SR844	200 MHz lock-in (with rack mount)	\$9,295	SIM914	350 MHz preamplifier, (50 Ω , 6.4 nV/ $\sqrt{\text{Hz}}$)	\$1,075
SR850	DSP dual phase lock-in (with rack mount)	\$8,745	SIM918	Precision current preamplifier	\$1,375
O850H	Carrying handle kit	\$110	SIM921 SIM922	AC resistance bridge (1 m Ω to 100 M Ω)	\$2,745 \$985
SR124	200 kHz analog lock-in amplifier	\$7,645	SIM922 SIM922A	Diode temperature monitor Diode temperature monitor with analog output	\$985 \$985
SX199	Remote optical interface unit for SR124	\$1,205	SIM922A SIM923	Platinum RTD monitor	\$985
	•		SIM923A	Platinum RTD monitor with analog output	\$985
Preamplifiers			SIM925	Octal 4-wire multiplexer	\$1,090
SR560	Low-noise voltage preamplifier	\$2,635	SIM928	Rechargeable isolated voltage source	\$1,205
SR570	Low-noise current preamplifier	\$2,635	O928RBA	Replacement battery assembly	\$275
O560RMD	Double rack mount kit for SR5XX	\$110	SIM940	Rubidium frequency standard	\$1,645
O560RMS	Single rack mount kit for SR5XX	\$110	SIM954	Dual-channel 300 MHz inverting amplifier	\$1,075
O560SB	Spare battery set (3 batteries) for SR5XX	\$220	SIM960	100 kHz analog PID controller	\$1,925
SR445A	350 MHz preamplifier (4 ch.)	\$1,320	SIM964	1 MHz analog limiter	\$1,095
RM1U	1U dual rack mount	\$110	SIM965	Bessel and Butterworth filter	\$1,205
SR550	Lock-in voltage preamp. (100 M Ω , 3.6 nV/ $\sqrt{\text{Hz}}$)	\$825	SIM970	Four-channel digital voltmeter	\$1,530
SR552	Lock-in voltage preamp. (100 k Ω , 1.4 nV/ $\sqrt{\text{Hz}}$)	\$825	SIM980	Analog summing amplifier	\$1,095
SR554	Lock-in transformer preamp. (0.091 nV/ $\sqrt{\text{Hz}}$)	\$1,320	SIM983	Scaling amplifier	\$1,095
SR555	Current preamplifier $(1 \text{ V/}\mu\text{A})$	\$1,205	SIM9B1	Blank single-wide SIM module	\$165
SR556	Current preamplfier (1 V/nA)	\$1,205	SIM9B2	Blank double-wide SIM module	\$195
Optical Chopp	ner		Photon Coun	ters	
SR540	Optical chopper (with 5/6 and 25/30 slot blades)	\$1,315	SR400	Dual-channel photon counter (w/ rack mount)	\$5,885
O5402530	25/30 dual-slot replacement blade	\$1,515 \$55	SR430	Multichannel scaler / averager (with rack mount)	\$8,745
O5402930	30-slot replacement blade	\$55	SR445A	350 MHz preamplifier (4 ch.)	\$1,320
O5405	5-slot replacement blade	\$55	O430H	Carrying handle kit	\$110
O54056	5/6 dual-slot replacement blade	\$55	- 12 12 1	yg	7
O540RCH	Replacement chopper head	\$385	Melting Poin	t Annaratus	
	I		MPA100	Melting point apparatus (with USB & software)	\$3,075
Laser Shutter			MPA120	Melting point apparatus	\$1,975
SR470	Shutter controller	\$1,425	MPA160	Melting point apparatus for students	\$870
SR474	4-ch. shutter driver	\$1,425		(100 to 132 VAC, 50 to 60 Hz)	
O470RMS	Single rack mount kit for SR470 and SR474	\$110	MPA161	Melting point apparatus for students	\$870
O470RMD	Double rack mount kit for SR470 and SR474	\$110		(200 to 250 VAC, 50 to 60 Hz)	
SR475	Shutter head (100 Hz)	\$545	O100MPC	Capillaries (300 pcs.)	\$165
SR476	Shutter head (125 Hz)	\$545	O100MPS	Melting point standards	\$325
			O100P	Printer with cable and paper (MPA100 only)	\$435

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Ouartz Crysta	l Microbalance		UGA100	100 amu analyzer w/ electron multiplier & software	\$37,345
QCM200	Includes controller, oscillator, holder and 3 crystals	\$3,075	UGA200	200 amu analyzer w/ electron multiplier & software	\$38,445
O100CCB	Crystal cleaning basket	\$215	UGA300	300 amu analyzer w/ electron multiplier & software	\$40,095
O100FC	Flow cell	\$325	01	Multi-port (16 ch.) sampling inlet	\$5,500
O100RXO	Replacement crystal oscillator electronics module	\$435	02	Turbo pump venting port	\$2,750
O100RH	Replacement crystal holder	\$435	03	Upgrade turbo pump for high hydrogen concentrations	\$6,600
O100RX1	Chrome/gold crystals (qty. 10)	\$385	O100HC	Heated capillary	\$1,100
O100RX1	Titanium/gold crystals (qty. 10)	\$385	ULT100	100 amu analyzer w/ electron multiplier & software	\$30,800
O100RX3		\$495	ULT200	200 amu analyzer w/ electron multiplier & software	\$31,900
0100KA4	Titanium/platinum crystals (qty. 10)	\$ 493	ULT300	300 amu analyzer w/ electron multiplier & software	\$33,550
	T		01	Ion gauge	\$1,650
Programmabl	e Temperature Controllers		02	Turbo pump venting port	\$2,750
CTC100	Cryogenic temperature controller	\$2,860	02	rurbo pump venting port	\$2,730
01	GPIB interface (replaces RS-232)	\$545	G 4 1		
O100CTRM	Rack mount tray for CTC100	\$165	Gas Analyzer		
PTC10	Programmable temperature controller	\$1,645	O100RF	Replacement ThO ₂ /Ir filament for RGA	\$220
01	GPIB interface	\$655	O100RI	Replacement ionizer kit (with filament) for RGA	\$495
O10RM	Rack mount kit for PTC10	\$110	O100EM	Replacement electron multiplier	\$1,100
PTC320	Thermistor/Diode/RTD reader	\$545	O100RO	Replacement orifice for O100BV (0.01, 0.1, 1, 10 Torr)	\$110
PTC321	4-ch. Pt RTD card	\$545	O100BV	Bypass valve with orifice (0.01, 0.1, 1.0 or 10 Torr)	\$3,850
PTC322	4-ch. Pt RTD card (single slot only)	\$545	O100PKC	Replacement PEEK capillary (760 Torr)	\$165
PTC330E	4-ch. E-type thermocouple card	\$545	O100SSC	Stainless steel capillary (10, 100 or 760 Torr)	\$165
PTC330J	4-ch. J-type thermocouple card	\$545	O100RFT	Replacement ThO ₂ /Ir filament (qty. 2)	\$138
PTC330K	4-ch. K-type thermocouple card	\$545	O100RFW	Replacement tungsten filament (qty. 5)	\$110
			O100RIC	Replacement ionizer kit (with filament) for CIS	\$990
PTC330N	4 channel N-type thermocouple reader	\$545	O100TDP	Turbomolecular pump and diaphragm pump	\$11,000
PTC330T	4-ch. T-type thermocouple card	\$545	O100DPR	Diaphragm pump factory rebuild	\$880
PTC420	600 W AC ouptut card	\$545	O100DFRK	Rebuild kit for diaphragm pump	\$605
PTC430	50 W DC output card	\$545	O100DFRR O100TPE	Turbomolecular pump exchange	
PTC440	TEC driver	\$545	Olouipe	Turbomoiecular pump exchange	\$2,750
			T C C	4 11	
Nitrogen Lase	r		Ion Gauge Co		D4 C47
NL100	Nitrogen laser	\$5,225	IGC100	Ion gauge controller (with RS-232)	\$1,645
01	Optional sync-out pulse	\$275	01	GPIB computer interface	\$325
			02	Web interface with ethernet connection	\$655
Potentiostat /	Galvanostat		03	Eight-channel process control	\$325
EC301	30 V / 1 A potentiostat / galvanostat	\$8,789	O100IG	Second ion gauge channel	\$325
LC301	30 V / 1 A potentiostat / garvanostat	\$0,707	O100IGRM	Rack mount tray for one or two IGC100s	\$165
D 1 C	A 1		O100C1	10 ft. cable for glass, single filament gauges	\$220
Residual Gas	·		O100C1/1	25 ft. cable for glass, single filament gauges	\$275
RGA100	100 amu RGA (with RS-232 cable & software)	\$4,125	O100C2	10 ft. cable for glass, dual filament gauges	\$220
RGA200	200 amu RGA (with RS-232 cable & software)	\$5,225	O100C2/1	25 ft. cable for glass, dual filament gauges	\$275
RGA300	300 amu RGA (with RS-232 cable & software)	\$6,875	O100C3	10 ft. cable for nude gauges	\$220
01	Electron multiplier (EM)	\$1,650	O100C3/1	25 ft. cable for nude gauges	\$275
02	Built-in power module for AC line operation	\$275	O100CA1	Adapter for Micro-Ion® gauge	\$110
03	Ion counting output (must have opt. 01)	\$275	01000111	Transfer for mileto for gauge	Ψ110
O100HJR	200 °C heater jacket for RGAs	\$495	Davand Alnon	t Ionization Causes	
O100MAX	Maximum insertion nipple with 4.5" flange	\$660		t Ionization Gauges	#225
O100EM	Replacement electron multiplier	\$1,100	GR-100F	2.75" CF, 1" side tube, single fil., ThO ₂ /Ir	\$325
O100RI	Replacement ionizer kit (with filament) for RGA	\$495	GW-100F	2.75" CF, 1" side tube, dual fil., Tungsten	\$315
O100REA	Ethernet adapter for RGA	\$545	NR-F	Nude, bi-filar helix grid, single fil., ThO ₂ /Ir	\$525
O100RF	Replacement ThO ₂ /Ir filament for RGA	\$220	NR-F-UHV	Nude, closed cage grid, dual fil., ThO ₂ /Ir	\$525
PPM100	Optional stand-alone monitor for RGA	\$2,745	NW-F-UHV	Nude, closed cage grid, dual fil., Tungsten	\$545
11 11100	Optional stand-alone monitor for RGA	Ψ2,7¬3	O100RFADW	Dual tungsten replacement fil. for NW-F-UHV	\$165
Classil Isa Ca	unas Cas Analymans		O100RFASR	Single ThO ₂ /Ir replacement fil. for NR-F	\$165
	urce Gas Analyzers	05.055	O100RFADR	Dual ThO ₂ /Ir replacement fil. for NR-F-UHV	\$195
CIS100/1	100 amu CIS (w/EM, RS-232 cable & software)	\$7,975			
CIS200/1	200 amu CIS (w/EM, RS-232 cable & software)	\$9,075	Convection E	nhanced Pirani Gauges	
CIS300/1	300 amu CIS (w/EM, RS-232 cable & software)	\$10,725	PG108	G-P Convectron Pirani gauge, 1/8" NPT	\$143
02	Built-in power module for AC line operation	\$275	01	1.33" rotatable CF flange	\$55
O100HJC	200 °C heater jacket for CIS analyzers	\$435	02	2.75" rotatable CF flange	\$55
O100REA	Ethernet adapter for RGA	\$545	03	•	
O100EM	Replacement electron multiplier	\$1,100		16KF	\$55
O100RFT	Replacement ThO ₂ /Ir filament (qty. 2)	\$138	04	25KF	\$55
O100RFW	Replacement tungsten filament (qty. 5)	\$110	05	40KF	\$61
O100RIC	Replacement ionizer kit (with filament) for CIS	\$990	06	1/4" VCR, female	\$55
O100TDP	Turbomolecular pump and diaphragm pump	\$11,000	O108C4	10 ft. cable for PG108, dual gauge	\$110
0100121	Tureemeree and pump und diapmagni pump	Ψ11,000	O108C4/1	25 ft. cable for PG108, dual gauge	\$143
High Proceure	Sampling Systems				
PPR100/1	100 amu process monitoring system	\$20,000		nent through bank transfer, Mastercard or VISA, irrevocab	
		\$20,900		lay terms (for approved customers). Minimum order is \$3	
PPR200/1	200 amu process monitoring system	\$22,000		Sunnyvale, CA 94089. Standard Shipment method is air	freight
PPR300/1	300 amu process monitoring system	\$23,650	collect unless oth		
QMS100	100 amu atmospheric sampling system	\$25,300	Warranty: All i	nstruments, unless otherwise stated, are warranted to be fi	ree from
QMS200	200 amu atmospheric sampling system	\$26,400	defects in materia	al and workmanship for one year from date of shipment.	
QMS300	300 amu atmospheric sampling system	\$28,050	Chopper motors,	computer accessories, diaphragm pumps, and rebuilt	
01					
	High-vacuum rear port for QMS analyzers	\$550	turbomolecular p	umps are warranted for 90 days from the date of shipment	.•
O100REA	Ethernet adapter for RGA	\$545		umps are warranted for 90 days from the date of shipment is a \$300 retrofit charge to add any internal option to an expression of the state of the s	
O100REA O100BV					