

Price List

65 Industrial Park Road West • P.O. Box 10

Tolland, CT 06084

Phone: (860) 454-7701 • Fax: (860) 454-7364

Effective Date June 8, 2022

www.scieng.com

DATA ACQUISITION SYSTEMS

300000 Model 300 System, Pentium 4, 3.0 GHz, 14 Slots \$11,120

- Pentium 4, 3.0 GHz processor, Internal math coprocessor.
- 512Mb RAM, 512Kb cache.
- Rack mount 14 slot chassis, 19" wide x 7" high x 19" deep, 483mm wide x 177mm high x 432mm deep.
- Four PCI, two PCI/ISA, eight ISA slots.
- Three 5.25" bays external.
- Accelerated PCI Video card (upgrades available at extra cost).
- Two SATA and two EIDE ports.
- 1 Parallel, 2 Serial ports (with Model 300 COM2 must be disabled), 2 USB Ports.
- 101 key keyboard.
- 3 button PS2 mouse.
- Integrated 10/100 network port.
- 750 GB SATA hard drive (upgrades available at extra cost).
- 600 watt, 115VAC/230 VAC, 60 - 400 Hz wide range power supply.
- High capacity cooling fans.
- Documentation.
- System test and initial burn in.
- Complete system packaging, assembly and calibration.

300001 Model 300 System, Pentium 4, 3.0 GHz, 20 Slots \$12,600

- Pentium 4, 3.0 GHz processor, Internal math coprocessor.
- 512Mb RAM, 512Kb cache.
- Rack mount 20 slot chassis, 19" wide x 10.5" high x 18" deep, 483mm wide x 266mm high x 456mm deep.
- Four PCI, two PCI/ISA, thirteen ISA slots.
- Four 5.25" bays external, two 3.5" bays external.
- Accelerated PCI Video card (upgrades available at extra cost).
- Two SATA and two EIDE ports.
- 1 Parallel, 2 Serial ports (with Model 300 COM2 must be disabled), 2 USB Ports.
- 101 key keyboard.
- 3 button PS2 mouse.
- Integrated 10/100 network port.
- 750 GB SATA hard drive (upgrades available at extra cost).
- 600 watt, 115VAC/230 VAC, 60 - 400 Hz wide range power supply.
- High capacity cooling fans.
- Documentation.
- System test and initial burn in.
- Complete system packaging, assembly and calibration.

300002 Model 300 System, Pentium 4, 3.0 GHz, 6 ISA Slots \$16,340

- Pentium 4, 3.0 GHz processor, Internal math coprocessor.
- 512Mb RAM, 512Kb cache.
- Rack mount 6 slot chassis, 6.5" wide x 6.75" high x 17.5" deep (excludes mounting tray dimension).

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DATA ACQUISITION SYSTEMS

- Six ISA slots.
- Internal 3.5" hard drive.
- Two SATA and two EIDE ports.
- 1 Parallel, 2 Serial ports (with Model 300 COM2 must be disabled), 2 USB Ports.
- 101 key keyboard.
- 3 button PS2 mouse.
- Integrated 10/100 network port.
- 750 GB SATA hard drive (upgrades available at extra cost).
- 28 VDC, 3 Amp maximum power supply with remote on/off signal.
- Two 60 CFM high capacity cooling fans.
- Separate mounting tray available.
- Documentation.
- System test and initial burn in.
- Complete system packaging, assembly and calibration.

300003 Model 300 System, Pentium 4, 3.0 GHz, 8 Slots \$11,120

- Pentium 4, 3.0 GHz processor, Internal math coprocessor.
- 512Mb RAM, 512Kb cache.
- Rack mount 8 slot chassis, 7.87" wide x 11.8" high x 18.23" deep, 200mm wide x 300mm high x 463mm deep.
- Four PCI, two PCI/ISA, three ISA slots.
- Two 5.25" bays external, one 3.5" bay external, one 3.5" bay internal.
- Accelerated PCI Video card (upgrades available at extra cost).
- Two SATA and two EIDE ports.
- 1 Parallel, 2 Serial ports (with Model 300 COM2 must be disabled), 2 USB Ports.
- 101 key keyboard.
- 3 button PS2 mouse.
- Integrated 10/100 network port.
- 750 GB SATA hard drive (upgrades available at extra cost).
- 600 watt, 115VAC/230 VAC, 60 - 400 Hz wide range power supply.
- High capacity cooling fans.
- Documentation.
- System test and initial burn in.
- Complete system packaging, assembly and calibration.

300004 Model 300 System, Pentium 4, 3.0 GHz, 10 Slots \$11,120

- Pentium 4, 3.0 GHz processor, Internal math coprocessor.
- 512Mb RAM, 512Kb cache.
- Rack mount 8 slot chassis, 12.6" wide x 6.89" high x 16.5" deep, 320mm wide x 175mm high x 419mm deep.
- Four PCI, two PCI/ISA, four ISA slots.
- One 5.25" bays external, one 3.5" bay external, one 3.5" bay internal.
- Accelerated PCI Video card (upgrades available at extra cost).
- Two SATA and two EIDE ports.
- 1 Parallel, 2 Serial ports (with Model 300 COM2 must be disabled), 2 USB Ports.
- 101 key keyboard.
- 3 button PS2 mouse.
- Integrated 10/100 network port.

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DATA ACQUISITION SYSTEMS

- 750 GB SATA hard drive (upgrades available at extra cost).
- 600 watt, 115VAC/230 VAC, 60 - 400 Hz wide range power supply.
- High capacity cooling fans.
- Documentation.
- System test and initial burn in.
- Complete system packaging, assembly and calibration.

300005 Model 300 System, TOSHIBA Tecra M10 Notebook (Used/Refurbished) \$1,000

- Refurbished notebook for use with M300 and QNX 4.
- M300 software, QNX 4 software and installation cost is not included in this price.

300006 Model 300 System, DELL D810 Notebook (Used/Refurbished) \$1,000

- Refurbished notebook for use with M300 and QNX 4.
- M300 software, QNX 4 software and installation cost is not included in this price.

300007 Model 300 System, PANASONIC Toughbook CF-52 \$3,000

- New notebook for use with M300 and QNX 4.
- M300 software, QNX 4 software and installation cost is not included in this price.

300009 Model 300 System, Adlink Tech MXC-4002 or MXC-2002 \$1,200

- New Fan less Expandable Embedded computer for use with M300 and QNX 4.
- Hard drive is not included in this price.
- M300 software, QNX 4 software and installation cost is not included in this price.

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M300 SOFTWARE

300100	SEA Model 300 Software Both Acquisition and Playback Modes	\$10,280
	<ul style="list-style-type: none"> On line documentation. One year free technical support for both. Check www.scieng.com for product information. 	
300101	SEA Model 300 Software Acquisition Mode Only	\$6,080
	<ul style="list-style-type: none"> On line documentation. One year free technical support for acquisition mode. Check www.scieng.com for product information. 	
300102	SEA Model 300 Software Playback Mode Only	\$4,820
	<ul style="list-style-type: none"> On line documentation. One year free technical support for playback mode. Check www.scieng.com for product information. 	
300103	SEA Model 300 Utilities Software Package	\$2,420
	<ul style="list-style-type: none"> On line documentation. Allows for examination of raw data. Includes RawView, ImageView, SeaTool, InputOutput and Logger. 	
300104	SEA Model 300 2D Mono Software Option	\$1,000
	<ul style="list-style-type: none"> This option applies to both acquisition and playback modes. Purchase separately for acquisition and/or playback modes. 	
300105	SEA Model 300 2D Grey Software Option	\$1,000
	<ul style="list-style-type: none"> This option applies to both acquisition and playback modes. Purchase separately for acquisition and/or playback modes. 	
300106	SEA Model 300 HVPS Software Option	\$1,000
	<ul style="list-style-type: none"> This option applies to both acquisition and playback modes. Purchase separately for acquisition and/or playback modes. 	
300107	SEA Model 300 CAPS Software Option	\$1,320
	<ul style="list-style-type: none"> This option applies to both acquisition and playback modes. Purchase separately for acquisition and/or playback modes. 	
300108	SEA Model 300 SPP/CDP Software Option	\$1,000
	<ul style="list-style-type: none"> This option applies to both acquisition and playback modes. 	

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M300 SOFTWARE

- Purchase separately for acquisition and/or playback modes.

300109 SEA Model 300 PIRAQ Software Option \$1,320

- This option applies to both acquisition and playback modes.
- Purchase separately for acquisition and/or playback modes.

300110 SEA Model 300 Acquisition and Playback Modes Upgrade Fee \$CALL

- Includes free software upgrades for 1 year.
- Multiple system pricing may apply.
- Technical support not included (see Services).
- Pricing to be determined by quantity and type of changes since last upgrade.

300111 SEA Model 300 Acquisition Mode Upgrade Fee \$CALL

- Includes free software upgrades for 1 year.
- Multiple system pricing may apply.
- Technical support not included (see Services).
- Pricing to be determined by quantity and type of changes since last upgrade.

300112 SEA Model 300 Playback Mode Upgrade Fee \$CALL

- Includes free software upgrades for 1 year.
- Multiple system pricing may apply.
- Technical support not included (see Services).
- Pricing to be determined by quantity and type of changes since last upgrade.

300113 SEA Model 300 Utilities Package Upgrade Fee \$CALL

- Includes free software upgrades for 1 year.
- Multiple system pricing may apply.
- Technical support not included (see Services).
- Pricing to be determined by quantity and type of changes since last upgrade.

3300200 QNX 4.25 OS \$990

- Check www.qnx.com for product information.

300201 Photon 1.14 Micro GUI \$140

- Check www.qnx.com for product information.

300202 TCP/IP \$510

- Check www.qnx.com for product information.

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SINGLE BOARD COMPUTER (SBC), CPU

SINGLE BOARD COMPUTER (SBC), CPU

200151	Pentium 4, 3.0 GHz	\$1,700
	<ul style="list-style-type: none"> • 512 MB RAM • Full PCI • Two SATA Hard Drive Ports • 2 Serial ports (with M300 COM2 must be disabled), 4 USB • Integrated 10/100/1000 network port 	

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STORAGE OPTIONS

200172	750 GB SATA Hard Drive 3.5"	\$160
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200173	SATA Removable Drive 3.5" Kit, 5.25" Bay	\$120
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200176	SATA DVD ROM Drive	\$75
.		
200181	750 GB SATA Hard Drive 2.5"	\$240
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200182	SATA Removable Drive 2.5" Kit, 3.5" Bay	\$270
.		
200190	512 GB SATA SSD 2.5"	\$390
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VIDEO CARDS

200134	PCI Video card	\$150
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SEA INTERFACES

100661	SEA FSSP/ASASP/1D Basic Interface, ISA, Half Size	\$1,690
	<ul style="list-style-type: none"> • 100% PMS probe compatible. • 15 Size channels, 16 bits each channel. • 1 Total count channel, 16 bits. • 1 Total strobe channel, 16 bits. • 1 Activity channel, 16 bits. • 2 Spare channels, 16 bits each channel. • Reference A/D channel, 8 bit, 0 - 10 volts. • 260 μsec total acquisition time for all 21 channels. 	
100501	SEA FSSP/ASASP/1D Advanced Interface, ISA	\$3,830
	<ul style="list-style-type: none"> • 100% PMS probe compatible. • 16/32/64/128/256 Size channels, 32 bits each channel. • 1 Total count channel, 32 bits. • 1 Total strobe channel, 32 bits. • 1 Activity channel, 16 bits. • 2 Spare channels, 32 bits each channel. • Probe house keeping data. • Built in 256 channel particle space monitor (PSM). • Spacing monitor bin widths adjustable from 0.25 μsec to 10 msec each. • 1 Channel reference and 7 utility A/D converter, 12 bits, ± 5 mv to ± 10 volts by jumper. • CAMAC version available. 	
100479	SEA 2D Monochromatic Spectrometer Interface, ISA	\$6,160
	<ul style="list-style-type: none"> • 100% PMS probe compatible. • 16 bit width data path for maximum data transfer rate. • Demand mode transfers 32 bit slice, in one DMA cycle, for minimal impact to CPU. • Built in true air speed clock generator. • Elapsed time (arm to full) measured to 29 hours with 25 μsec resolution. • Elapsed distance (arm to full). • Normal and gated Shadow OR provided. • Probe house keeping data. • Real time size spectra provided. • Image buffer acquired in 23 msec (2 MHZ bit shift rate). 	
100510	SEA 2D Grey Scale Spectrometer Interface, ISA	\$7,740
	<ul style="list-style-type: none"> • 100% PMS probe compatible. • 16 bit width data path for maximum data transfer rate. • Demand mode transfers 32 bits, in one DMA cycle, for minimal impact to CPU. • Built in true air speed clock generator. • Elapsed time (arm to full) measured to 29 hours with 25 μsec resolution. • Elapsed distance (arm to full). 	

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- X and/or Y dimensions provided for each particle.
- Total area of minimum, middle and maximum shadow provided for each particle.
- Two acquisition modes, single or multiple particle per buffer.
- Probe house keeping data capability.
- Real time size spectra provided.
- Image buffer acquired in 5.2 msec (2 MHz bit shift rate, 64 x 64 pixel image).

100709 SEA Bus Interface (High Precision Crystal), ISA, Half Size \$1,240

- Required to connect SEA analog input system to M300 system.
- Required to connect SEA pressure multiplexer controller to M300 system.
- Capable of connecting up to 256 instruments to M300 via digital cable.
- Provides system interrupts (M300).
- High precision crystal.
- Counters for IRQ latency and duration.
- Counters for Proxy latency and duration.
- Temperature controlled crystal, 2 ppm - +/- 0.1728 sec / day

100665 SEA Bus Interface (High Precision Crystal), PC104 \$1,240

- Required to connect SEA analog input system to M300 system.
- Required to connect SEA pressure multiplexer controller to M300 system.
- Capable of connecting up to 256 instruments to M300 via digital cable.
- Provides system interrupts (M300).
- High precision crystal.
- Counters for IRQ latency and duration.
- Counters for Proxy latency and duration.
- Temperature controlled crystal, 2 ppm - +/- 0.1728 sec / day

100657 SEA Analog Input System (SEAADC16) \$4,830

- 16 Differential input channels.
- 16 Bit resolution.
- 20 μ sec conversion time.
- Instrumentation grade differential amplifier per channel.
- 1, 2, 4 and 8 gain.
- A/D conversion performed remotely from backplane, no clock interference.
- A/D nodes can be located remotely from M300 system (up to 100m).
- 9 - 36 VDC, 1 Amp.
- 8.4" wide x 1.7" high x 8" deep.

200177 SEAADC16 Adapter Kit to Fit in 19" Rack \$60

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200019 100X Gain Preamplifier Option For SEAADC32 \$110 (each)

- Low drift instrumentation amplified.
- Provides ± 25 mv range, 0.8 μ v resolution.

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SEA INTERFACES

100558	SEA Pressure Multiplexer Controller	\$10,830
	<ul style="list-style-type: none"> PMX boxes can be located remotely from M300/M200 system (up to 100m). 	
200065	SEA Thermo Couple Interface For SEA Pressure Multiplexer Controller	\$1,910 (each)
	<ul style="list-style-type: none"> 	
100540	SEA INS Interface ARINC 429, ISA	\$4,190
	<ul style="list-style-type: none"> All 255 ARINC data labels utilized. Update count maintained separately for each ARINC label. Most recent data value for each label maintained in memory for access by M300 system. Includes sockets for up to 4 Synchro/Digital converters for inputs such as heading, pitch, roll, bearing, etc. 2 Rx ports, 1 Tx port. Model for ARINC 429 data. 	
100649	SEA INS Interface ARINC 429, ISA, Half Size	\$4,190
	<ul style="list-style-type: none"> All 255 ARINC data labels utilized. Update count maintained separately for each ARINC label. Most recent data value for each label maintained in memory for access by M300 system. 4 Rx ports, 2 Tx port. Model for ARINC 429 data. 	
100663	SEA INS Interface ARINC 429, PC104	\$4,190
	<ul style="list-style-type: none"> All 255 ARINC data labels utilized. Update count maintained separately for each ARINC label. Most recent data value for each label maintained in memory for access by M300 system. 4 Rx ports, 2 Tx port. Model for ARINC 429 data. 	
100575	SEA Heading Interface, ISA	\$2,160
	<ul style="list-style-type: none"> Requires one synchro/digital converter chip for heading (not included). 	
100481	SEA INS Interface ARINC 561, ISA	\$4,190
	<ul style="list-style-type: none"> All 255 ARINC data labels utilized. Update count maintained separately for each ARINC label. Most recent data value for each label maintained in memory for access by M300 system. Includes sockets for up to 4 Synchro/Digital converters for inputs such as heading, pitch, roll, bearing, etc. Model for ARINC 561 data. 	
200025	Synchro/Digital Converter for INS Interfaces	\$1,900 (each)
	<ul style="list-style-type: none"> 14 Bit resolution, ± 5.2 arc minimum accuracy. Used for heading, pitch, roll, yaw, etc. 0 to 4 converters per INS Interface. 	

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SEA INTERFACES

100584	SEA CAPS Interface, ISA	\$7,740
	<ul style="list-style-type: none">• All required probe signals provided for one CAPS probe.• 100% compatible with CAPS probe.• 16 bit width data path for maximum data transfer rate.• Demand mode transfers 32 bit slice, in one DMA cycle, form minimal impact to CPU.• CIP Image and CIP serial data channels.• CAS/CDP serial data channel.• Real time size spectra provided.• Configurable DMA channels (5, 6, 7).	
100684	SEA 24 Channel Counter Interface, ISA	\$2,630
	<ul style="list-style-type: none">• 24 counter channels.• 32 bit counters• Count mode for rising edge, falling edge, and both edges.• 20 ns minimum pulse width• 5 MHz single edge limit• Other configurations possible with firmware upgrade.	

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OTHER INTERFACES

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200137	8 Analog Control Outputs, ISA	\$1,795
	<ul style="list-style-type: none"> • 8 Independent D/A outputs. • ± 10 or 0 - 10 volt output range. • ± 5 or 0 - 5 volt output range. • ± 2.5 or 0 - 2.5 volt output range. 	
200138	16 Analog Control Outputs, ISA	\$2,845
	<ul style="list-style-type: none"> • 16 Independent D/A outputs. • ± 10 or 0 - 10 volt output range. • ± 5 or 0 - 5 volt output range. • ± 2.5 or 0 - 2.5 volt output range. 	
200022	Digital Input/Outputs, ISA	\$1,670
	<ul style="list-style-type: none"> • 32 Total input or output bits. • Bits assigned as input or output in groups of 8 bits. • All inputs and outputs optically isolated. • Includes 32 optical isolation modules. • Includes optical isolation module termination panel. 	
200136	Network Card 10/100/1000, PCI	\$220
	•	
200144	Serial Interface, 8 Ports, ISA	\$680
	<ul style="list-style-type: none"> • 8 Serial Ports for QNX 4 M300 System. • RS-232, RS-422, RS-485 capable (please specify desired configuration of ports). 	
200145	Serial Interface, 8 Ports, PCI	\$1030
	<ul style="list-style-type: none"> • 8 Serial Ports for QNX 4 M300 System. • RS-232, RS-422, RS-485 capable (please specify desired configuration of ports). 	
200192	Serial Interface, 4 Ports, PCI Optical Isolation and Surge Suppression	\$675
	<ul style="list-style-type: none"> • 4 Serial Ports for QNX 4 M300 System. • RS-232, RS-422, RS-485 capable (please specify desired configuration of ports). 	
200146	IRIG-B Interface, PCI BC635U	\$2,800
	<ul style="list-style-type: none"> • Provides IRIG-B time synchronization for QNX 4 M300 System. 	

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200157	IRIG-B Interface, PCI BC637U, GPS	\$4,900
	<ul style="list-style-type: none"> Provides IRIG-B time synchronization for QNX 4 M300 System. GPS Synchronized. 	
200150	Analog Input Interface (8 Differential, 16 Single-Ended Channels)	\$640
	<ul style="list-style-type: none"> 8 Differential or 16 Single-Ended Analog Input Channels. 	
200158	Digital Input/Output Interface, 24 Channels, ISA	\$160
	<ul style="list-style-type: none"> 24 Digital I/O channels, TTL-level. 	
200160	1553/708, PCI Interface	\$15,660
	<ul style="list-style-type: none"> 	
200161	Serial Interface, 2 Ports, Ethernet	\$600
	<ul style="list-style-type: none"> 2 Serial Ports for QNX 4 M300 System. RS-232, RS-422, RS-485 capable (configurable ports). 	
200162	Serial Interface, 4 Ports, Ethernet	\$820
	<ul style="list-style-type: none"> 4 Serial Ports for QNX 4 M300 System. RS-232, RS-422, RS-485 capable (configurable ports). 	
200163	Serial Interface, 8 Ports, Ethernet	\$1,250
	<ul style="list-style-type: none"> 8 Serial Ports for QNX 4 M300 System. RS-232, RS-422, RS-485 capable (configurable ports). 	
200171	Serial Interface, 16 Ports, Ethernet	\$1,840
	<ul style="list-style-type: none"> 16 Serial Ports for QNX 4 M300 System. RS-232, RS-422, RS-485 capable (configurable ports). 	
200183	CM7000 Series Digital I/O	\$295
	<ul style="list-style-type: none"> Several modules supporting different combinations for digital I/O. Serial Interface RS-422 and RS-485. Compact and light weight. 	
200184	CM7000 Series Analog I/O	\$625
	<ul style="list-style-type: none"> Several modules supporting different combinations for analog I/O. Serial Interface RS-422 and RS-485. Compact and light weight. 	

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PROBES

PROBES

400200	SEA Multi-Element Water Content Sensor (WCM-2000) System	\$69,250
	<ul style="list-style-type: none"> • Direct Measurement of LWC and TWC. • Derived Measurement of IWC. • Measurement over a Wide MVD Range Including SLD drop sizes. • First Principles Instrument. • Detection and Measurements of Ice Crystals especially at High Altitudes and Airspeeds. • Aircraft Icing Severity Indicator. • Very Low Contamination, < 1%, of LWC Measurement by Ice Crystals. • Excellent Deice Performance. • Easy Interface to Aircraft Flight Data Computers. • ASCII Serial Data Output. • Safe Operation at Zero Airspeed. • Rugged Sensor Designed for High Speed, High Altitude Operation. • 28 VDC Power. • Light Weight. • High Water Content Capability. • Small Size. • Standard 10 foot probe to power box cable and 40 foot power box to controller cable. • Special cable requirements can be arranged at additional cost, see item 400108. • 5% savings available when ordering 3 or more systems at one time. 	
400201	SEA Multi Element Water Content Sensor Head (Probe)	\$13,130
	<ul style="list-style-type: none"> • Four heated stainless steel elements. • Deiced sensor head. • With Constant Temperature Deice Feature • WCM-2000 compatible. 	
400301	SEA Multi Element Water Content Sensor Head (Probe), Single Element	\$12,130
	<ul style="list-style-type: none"> • Two heated stainless steel elements. • Deiced sensor head. • With Constant Temperature Deice Feature • WCM-2000 compatible. 	
400401	SEA Robust Water Content Sensor Head (Probe)	New! \$13,130
	<ul style="list-style-type: none"> • Excellent for use in high ice water conditions. • Single, rugged heated stainless steel elements. • Deiced sensor head. • With Constant Temperature Deice Feature • WCM-2000 compatible. 	

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400501	SEA Ice Crystal Detector Sense Head (Probe)	New! \$13,130
	<ul style="list-style-type: none"> • Excellent for use in measuring ice and liquid water content in mixed phase, glaciated and all liquid conditions. • Dual, rugged heated stainless steel elements. • Deiced sensor head. • With Constant Temperature Deice Feature • WCM-2000 compatible. 	
400108	SEA WCM-2000/LWC/TWC Cables to meet special requirements	CALL
	<ul style="list-style-type: none"> • Specify WCM-2000, LWC or TWC and length desired. 	
400109	SEA Custom Probe	CALL
400221	SEA Control Panel for Multi-Element Water Content System	\$539
	<ul style="list-style-type: none"> • Control switches for a single multi-element probe with indicator lights • Connector brackets. • Voltage suppressor circuits. 	
400221D	SEA Dual Control Panel for Multi-Element Water Content System	\$799.50
	<ul style="list-style-type: none"> • Control switches for two multi-element probes with indicator lights • Connector brackets. • Voltage suppressor circuits. 	
400251	SEA Circuit Breaker Box for Multi-Element Water Content System	\$2,555
	<ul style="list-style-type: none"> • 6 individual breakers (main, TWC, medium LWC, small LWC, COMP, DEICE). • 28 VDC Input. • Requires cable, PN 400250. 	
400250	SEA Multi-Element Water Content Power Cable	\$410
	<ul style="list-style-type: none"> • Standard 4 foot cable. • \$23.21 per foot for extra length. • Requires Circuit Breaker Box, PN 400251. 	

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SUSAI

SUSAI

500000	SUSA II PCI Interface	\$6,050
	<ul style="list-style-type: none"> • 8 ARINC 429 input ports. • 4 ARINC 429 output ports. • 6 UART ports. • 4 internal input Discretes. • 4 internal output Discretes. • External Discretes. • External D/A channels. • Timestamp to 0.25 ms. • Crystal accuracy ± 2 ppm (± 170 ms/day). • 9600, 19200, 38400, 57600, 115.2k, 153.6k, 393.4k bauds supported. • 32 MB RAM (maximum 256 MB, 100 pin DIMM). • 512 KB Flash EPROM (maximum 1 MB). • 300 MHz MPC8245 CPU, 66 MHz memory bus. • 66 MHz PCI-X, 3.3 volts. • 3 banks of 4 LEDs for status. • 128 KB Host Record Buffer provided. • ARINC transmit 3.125 ms. • ARINC alarm mode, the event table updates when specified bits get set/cleared. • Individual command block for all ports. • Supports idle, 11 parameter, 45 parameter, N parameter and Test/Trim UART modes. • Error status for UART ports. • Alive counters for all ARINC input/output ports (10 ms). • Alive counters for all UART input ports (10 ms). • Board version information (hardware, software, apa and table). • Un-committed DMA controller available for scatter and gather data operations. 	
500001	SUSA II Distribution Panel	\$2,570
	•	
500002	SUSA II Distribution Panel Cable	\$110
	•	
500003	SUSA II Discrete Box	\$4,240
	<ul style="list-style-type: none"> • 16 input discretes. • 16 output discretes. 	
500004	SUSA II D/A Box	\$4,240
	<ul style="list-style-type: none"> • 16 D/A Channels. • 16 bit. 	

Price List

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500005	Adapter Kit For D/A or Discrete Box to Fit in 19" Rack	\$60
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MISCELLANEOUS

MISCELLANEOUS

200123	Rugged Rack Mount Keyboard All Metal Frame	\$940
•		
200049	Rack Mount Keyboard	\$550
•		
200187	PS2 or USB Keyboard	\$30
•		
200188	PS2 or USB Mouse	\$40
•		
200168	ATX Power Supply	\$450
•	600 w	
200169	Passive Backplane, 14 Slots	\$450
•	14 slots	
200170	Passive Backplane, 20 Slots	\$675
•	20 slots	
200191	Microsoft Windows 7 Pro 64-bit	\$210
•		

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SERVICES

200020	Calibration of SEA Analog Input System (SEAADC32 or SEAADC16)	\$740
	<ul style="list-style-type: none"> • Full calibration of analog input system. • Testing and inspection of analog input system. • Annual calibration of analog input system is highly suggested. 	
200174	SEAADC32 Capacitor and Resistor Upgrade	\$350
	<ul style="list-style-type: none"> • Replace capacitors. • Install 10 mohm input terminating resistors. 	
200175	SEAADC32 High Speed A/D Upgrade	\$1,000
	<ul style="list-style-type: none"> • 	
200178	SEAADC32 Sample and Hold Buffer Upgrade	\$500
	<ul style="list-style-type: none"> • Includes two chips. 	
200164	Calibration for SEA Probe Head	\$500
	<ul style="list-style-type: none"> • Oil bath calibration for all elements. • Update calibration values. • Wind tunnel test. • No repair. 	
200165	Calibration for SEA Probe Head and Test System Operation	\$900
	<ul style="list-style-type: none"> • Oil bath calibration for all elements. • Update calibration values. • Test full system operation (WCM-2000, WCM-1000, JW). • Wind tunnel test. • No repair. 	
200166	Check Calibration of 2D/2DG/CIP Probes	\$430
	<ul style="list-style-type: none"> • Ensure for normal probe operation. • Spinning disk test for 2D type probes. • No repair. 	
200180	Check Calibration of 1D Probes	\$500
	<ul style="list-style-type: none"> • Ensure for normal probe operation. • Calibration bead test for 1D type probes. • No repair. 	

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200167	Full Calibration of 2D/2DG/CIP Probes	\$1,400
	<ul style="list-style-type: none"> • Ensure for normal probe operation. • Clean probe optics. • Optical alignment. • Spinning disk test and adjustment for 2D type probes. • End element check/balance for 2D type probes. • No repair. 	
200179	Full Calibration of 1D Probes	\$1,830
	<ul style="list-style-type: none"> • Ensure for normal probe operation. • Clean probe optics. • Optical alignment. • Full Calibration bead test and adjustment for 1D type probes. • No repair. 	
200102	2D Mono HVPS Upgrade	\$580
	<ul style="list-style-type: none"> • Modification of 2D Mono Interface to support HVPS probe. 	
200185	2D Mono Busy Modification Upgrade	\$300
	<ul style="list-style-type: none"> • Busy Modification for 2D Mono Interface. 	
200186	Model 300 Maintenance	\$240
	<ul style="list-style-type: none"> • Basic checkout of the Model 300 System. 	
200050	Additional EPROM for GPS or Loran	\$370
	<ul style="list-style-type: none"> • Additional EPROM for already supported data format. 	
200189	ISA Basic Interface Chip Program and Test	\$100
	•	
200115	M300 Software, Technical Support (Per Incident)	\$150.00/hour
	<ul style="list-style-type: none"> • One hour minimum. 	
200116	M300 Software, Technical Support (One Year Plan)	\$2,120
	<ul style="list-style-type: none"> • Includes phone, fax, and e-mail support for one year. 	
200086	Software and Electrical Engineering Labor Rate	\$150.00/hour
	•	

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200087	Hardware, System Engineering and Design Labor Rate	\$150.00/hour
200088	Regular Repair Rate (7 Days)	\$150.00/hour
200089	Emergency Repair Rate (ASAP)	\$180.00/hour
200118	Training	\$1,120/day
200119	On Site Technical Support	\$1,500/day
200090	Shipping and Insurance	
	<ul style="list-style-type: none"> SEA charges shipping costs and insurance. All systems will be insured for the replacement cost by SEA, not the full amount. If a client desires other shipping and insurance arrangements, please contact SEA directly. Normally all shipments are FOB Tolland CT. For international orders, customs charges are the responsibility of the Purchaser. 	

Note: Effective for 90 days or until replaced by a revised price list. All prices in US dollars. Prices do not include any commissions or finders fees. Some of the items on the Price List may be discontinued or hard to find. VISA, MasterCard, and American Express Accepted