

Confidential Price List for Plexon's Authorized Distributor in Japan

This is a representative price list of Plexon hardware and software available in Japan. The example systems may not contain all the items necessary for your specific requirements. Furthermore, all prices are subject to change; please contact our Authorized Plexon Distributor in Japan for an accurate quote:

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You may also contact Plexon in the United States at
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Multichannel Acquisition Processor (MAP) Systems - Basic 16 Channel MAP System

MAP/16	Standard configuration MAP hardware, 16 channels (1 SIG + 1/2 DSP)	\$24,675
PBX2/16sp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 spike channels (100Hz-8kHz, 50x gain)	\$1,890
CBL/PBX16-15L	Data cable for 16 preamplifier channels, 15 ft. length	\$105
HST/8o50-G20-GR	8-channel Omnetics .050 [10-pin] headstage, gain 20, grounded reference, 2 @ \$500 each	\$1,050
HSC/8	8-channel headstage cable, 36" length, 2 @ \$200 each	\$420
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
MCP/16	16-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$14,700
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three-seat license (USB keys)	\$2,900
INS	On-site installation and training (Domestic)	\$3,500
CRT	Crating and handling	\$300
Total		\$49,698

Multichannel Acquisition Processor (MAP) Systems -Full 32 Channel MAP System

MAP/32	Standard configuration MAP hardware, 32 channels (2 SIG + 1 DSP)	\$32,550
PBX2/32sp-G50/32fp-G50	Pre-amplifier with 2-pole low-cut high-cut filter, 32 spike channels (100Hz-8kHz, 50x gain) and 32 field potential channels (0.7Hz-170Hz, 50x gain)	\$5,670
CBL/PBX-16-15L	Data cable for 16 preamplifier channels, 15 ft. length, 4 @ \$100 each	\$420
ADC/64C-12B-1	National Instruments A/D subsystem plus accessories (PBOB, CBL/PBOB cable, and PCI-6071E board) for 64-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,360
HST/8o50-G20-GR	8-channel Omnetics .050 [10-pin] headstage, gain 20, grounded reference, 4 @ \$500 each	\$2,100
HSC/8	8-channel headstage cable, 36" length, 4 @ \$200 each	\$840
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
MCP/32	32-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$16,800
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three-seat license (USB keys)	\$2,900
HDS/507	Hameg 507 digital oscilloscope	\$1,400
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
MON/20LCD-W	20 in. wide-aspect, flat-panel monitor	\$400
INS	On-site installation and training (Domestic)	\$3,500
CRT	Crating and handling	\$300
Total		\$71,898

Recorder Neural Data Acquisition System - 16-Channel Recorder System

REC/NI-SW	Recorder Neural Data Acquisition software for National Instruments E-series A/D card (1 parallel port key license, CD, manual)	\$5,250
ADC/16C-12B-2	National Instruments A/D subsystem plus accessories (SCB-68, CBL/SCB-68 cable, and PCI-6070E board) for 16-channel analog recording (1.25 MS/sec, 12-bit res.)	\$2,730
PBX2/16wb-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 wide-band channels (3Hz-8kHz, 50x gain)	\$1,890
POW/PBX-110V	Preamplifier power supply, US version, 110V, with 5 ft. power cable	\$368
CBL/PBX-16-15L	Data cable for 16 preamplifier channels, 15 ft. length	\$105
HST/8o50-G20-GR	8-channel Omnetics .050 [10-pin] headstage, gain 20, grounded reference, 2 @ \$500 each	\$1,050
HSC/8o50	8-channel Omnetics headstage cable, 36" length, 2 @ \$200 each	\$158
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
MON/20LCD-W	20 in. wide-aspect, flat-panel monitor	\$400
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three seat license (USB keys)	\$2,900
Total		\$20,919

Recorder Neural Data Acquisition System- 64-Channel Recorder System

REC/64	REC/ADS-SW: Recorder Neural Data Acquisition software for Plexon 64ch A/D card (1 parallel port key license, CD, manual)	\$25,830
Included components	AMP/64wb: Pre-amplifier for 64 wide-band channels with 2-pole low-cut and 4-pole high-cut filters (1Hz-8kHz), software-programmable gain and monitor channel	
Included components	POW-AMP/64wb-110V: Power supply for 64-channel pre-amplifier, 110 Volt	
Included components	IP/16: 16-channel auxiliary input board (analog or digital) for ADS/64	
Included components	ADS/64: 64-channel A/D subsystem (16-bit res., 40kHz per channel) plus accessories (10 foot cable to interface AMP/64wb pre-amplifier)	
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
Mon/20LCD-W	MON/20LCD-W 20 in. wide-aspect, flat-panel monitor	\$400
HDS/507	4507 digital oscilloscope	\$1,400
HST/16o50-G20-R00	16-channel Omnetics .050 [2X10-pin] headstage, gain 20, grounded reference, 4 @ \$900 each	\$3,780
HSC/16o50	16-channel Omnetics .050 headstage cable, 36" length, 4 @ \$300 each	\$1,260
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three seat license (USB keys)	\$2,900
Total		\$41,638

Multielectrode Array (MEA) Workstation - 64-channel MEA Workstation

MEA-WS/64	MEA-WS/S: 64-channel MEA Workstation control program software	\$34,755
Included components	AMP/62sp+2: Preamplifier for 62 spike channels with 2-pole low-cut and 4-pole high-cut filters (250Hz-8kHz), software-programmable gain, monitor channel, and two TTL inputs	
Included components	POW-AMP/62sp+2: Power supply for 62-channel preamplifier, US version, 110 Volt	
Included components	ADS/64: 64-channel A/D subsystem (16-bit res., 40kHz per channel) plus accessories (3-foot cable to interface preamplifier)	
DELL/OptiPlex7450	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
Mon/20LCD	MON/20LCD-W 20 in. wide-aspect, flat-panel monitor	\$400
INS	On-site installation and training (Domestic)	\$3,500
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three-seat license (USB keys)	\$2,900

Items to record from University of North Texas MEA plate:

MEAP/64	Multielectrode array preamp for 64-channel University of North Texas MEA electrode plate, 50x gain, 3Hz-13kHz (1-pole) filtering, with switches to assign pass-through stimulation channels	\$2,100
CBL/MEAP	Cable to interface MEAP/64 preamp to AMP/62sp+2 preamp, 2 foot length	\$210
Total for UNT MEA Recording		\$49,775

Items to record from Multichannel Systems MEA:

CBL/MCS-MEA	Cable to interface Multichannel Systems MEA 1060 Amplifier to AMP/62sp+2 preamp, 2 foot length	\$210.00
Total for MCS MEA Recording		\$47,675

Data Acquisition Systems

Basic Multichannel Acquisition Processor (MAP) System, Upgrades, and Software		
MAP/16	Standard configuration MAP hardware, 16 channels (1 SIG + 1/2 DSP)	\$24,675
MAP/32	Standard configuration MAP hardware, 32 channels (2 SIG + 1 DSP)	\$32,550
MAP/48	Standard configuration MAP hardware, 48 channels ((3 SIG + 1 1/2 DSP)	\$42,525
MAP/64	Standard configuration MAP hardware, 64 channels (4 SIG + 2 DSP)	\$50,400
MAP/80	Standard configuration MAP hardware, 80 channels (5 SIG + 2 1/2 DSP)	\$60,375
MAP/96	Standard configuration MAP hardware, 96 channels (6 SIG + 3 DSP)	\$68,275
MAP/128	Standard configuration MAP hardware, 128 channels (8 SIG + 4 DSP)	\$86,100
MAP System Upgrade Boards		
SIG/16	Signal board with 16 channels	\$4,725
DSP/16	DSP board with 16 channels	\$5,250
DSP/32	DSP board with 32 channels	\$8,400
DSP/UPG	DSP board upgrade from 16 to 32 channels	\$3,150
DI	Digital input daughterboard	\$525
DO	Digital output sub-board for 8 DSP channels	\$525
HLK2/UPG	Host link board (MXI) upgrade - exchange HLK1 board for HLK2 board	\$3,150
MAP System Control Program Software		
MCP/16	16-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$14,700
MCP/32	32-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$16,800
MCP/64	64-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$21,000
MCP/96	96-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$25,200
MCP/128	128-channel MAP system control program software (RASPUTIN, Offline Sorter, WaveTracker, and all utilities), 2 OFS keys (USB), and 1 parallel port MAP key	\$29,400
MCP/UPG-16-32	MAP system control program software upgrade from 16 channels to 32 channels	\$2,100
MCP/UPG-16-64	MAP system control program software upgrade from 16 channels to 64 channels	\$6,300
MCP/UPG-16-96	MAP system control program software upgrade from 16 channels to 96 channels	\$10,500
MCP/UPG-16-128	MAP system control program software upgrade from 16 channels to 128 channels	\$14,700
MCP/UPG-32-64	MAP system control program software upgrade from 32 channels to 64 channels	\$4,200

MCP/UPG-32-96	MAP system control program software upgrade from 32 channels to 96 channels	\$8,400
MCP/UPG-32-128	MAP system control program software upgrade from 32 channels to 128 channels	\$12,600
MCP/UPG-64-96	MAP system control program software upgrade from 64 channels to 96 channels	\$4,200
MCP/UPG-64-128	MAP system control program software upgrade from 64 channels to 128 channels	\$8,400
MCP/UPG-96-128	MAP system control program software upgrade from 96 channels to 128 channels	\$4,200

Installation and Shipping for MAP

INS	On-site installation and training (Domestic)	\$3,500
IIT	On-site installation and training (International)	\$5,000
CRT	Crating and handling	\$300
SHP/MAP	Shipping charges (determined at time of shipment)	TBD

Neural Data Acquisition System - 16-Channel Recorder System		
REC/NI-SW	Recorder Neural Data Acquisition software for National Instruments E-series A/D card (1 parallel port key license, CD, manual)	\$5,250
ADC/16C-12B-2	National Instruments A/D subsystem plus accessories (SCB-68, CBL/SCB-68 cable, and PCI-6070E board) for 16-channel analog recording (1.25 MS/sec, 12-bit res.)	\$2,730
PBX2/16wb-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 wide-band channels (3Hz-8kHz, 50x gain)	\$1,890
POW/PBX-110V	Preamplifier power supply, US version, 110V, with 5 ft. power cable	\$368
CBL/PBX-16-15L	Data cable for 16 preamplifier channels, 15 ft. length	\$105
HST/8o50-G20-GR	8-channel Omnetics .050 [10-pin] headstage, gain 20, grounded reference, 2 @ \$500 each	\$1,050
HSC/8o50	8-channel Omnetics headstage cable, 36" length, 2 @ \$200 each	\$420
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
MON/20LCD-W	20 in. wide-aspect, flat-panel monitor	\$400
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys (two seat license)	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three seat license (USB keys)	\$2,900

Neural Data Acquisition System - 64-Channel Recorder System		
REC/64	REC/ADS-SW: Recorder Neural Data Acquisition software for Plexon 64ch A/D card (1 parallel port key license, CD, manual)	\$25,830
Included components	AMP/64wb: Preamplifier for 64 wide-band channels with 2-pole low-cut and 4-pole high-cut filters (1Hz-8kHz), software-programmable gain and monitor channel	
Included components	POW-AMP/64wb-110V: Power supply for 64-channel preamplifier, 110 Volt	
Included components	IP/16: 16-channel auxiliary input board (analog or digital) for ADS/64	
Included components	ADS/64: 64-channel A/D subsystem (16-bit res., 40kHz per channel) plus accessories (10 foot cable to interface AMP/64wb preamplifier)	
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
Mon/20LCD-W	MON/20LCD-W 20 in. wide-aspect, flat-panel monitor	\$400
HDS/507	Hameg 507 digital oscilloscope	\$1,400
HST/16o50-G20-R00	16-channel Omnetics .050 [2X10-pin] headstage, gain 20, grounded reference, 4 @ \$900 each	\$3,780
HSC/16o50	16-channel Omnetics .050 headstage cable, 36" length, 4 @ \$300 each	\$1,260
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys (two seat license)	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three seat license (USB keys)	\$2,900

MEA Workstation - 64-channel Multielectrode Array (MEA) Recording System		
MEA-WS/64	MEA-WS/S: 64-channel MEA Workstation control program software	\$34,755
Included components	AMP/62sp+2: Preamplifier for 62 spike channels with 2-pole low-cut and 4-pole high-cut filters (250Hz-8kHz), software-programmable gain, monitor channel, and two TTL inputs	
Included components	POW-AMP/62sp+2: Power supply for 62-channel preamplifier, US version, 110 Volt	
Included components	ADS/64: 64-channel A/D subsystem (16-bit res., 40kHz per channel) plus accessories (3-foot cable to interface preamplifier)	
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo, 250GB hard drive, 2.13GHz, 2.0GB RAM, DVD/CD-RW, Dual Video, WinXP	\$1,500
Mon/20LCD-W	MON/20LCD-W 20 in. wide-aspect, flat-panel monitor	\$400
INS	On-site installation and training (Domestic)	\$3,500
OFS/v2-2usb	Offline Sorter software, version 2 with OFS2 manual, 2 USB keys (two seat license)	\$4,410
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three-seat license (USB keys)	\$2,900
Items to record from University of North Texas MEA plate		
MEAP/64	Multielectrode array preamp for 64-channel University of North Texas MEA electrode plate, 50x gain, 3Hz-13kHz (1-pole) filtering, with switches to assign pass-through stimulation channels	\$2,100
CBL/MEAP	Cable to interface MEAP/64 preamp to AMP/62sp+2 preamp, 2 foot length	\$210
Items to record from Multichannel Systems MEA		
CBL/MCS-MEA	Cable to interface Multichannel Systems MEA 1060 Amplifier to AMP/62sp+2 preamp, 2 foot length	\$210

Video Recording and Tracking

CinePlex		
CPX-DI-40	CinePlex digital video recording and neural data file synchronization tool - includes CinePlex Capture (Video processor hardware with portable hard drive and video recording software) and CinePlex Playback and Mark-up Tool; LCD monitor; Digital Input Daughter board, mode 3 (15-bit strobed word input), DSP panel, 40kHz TIM cable	\$9,030
CPX-DI-80	CinePlex digital video recording and neural data file synchronization tool - includes CinePlex Capture (Video processor hardware with portable hard drive and video recording software) and CinePlex Playback and Mark-up Tool; LCD monitor; Digital Input Daughter board, mode 3 (15-bit strobed word input), DSP panel, 80kHz TIM cable	\$9,030
CPX-NI	CinePlex digital video recording and neural data file synchronization tool - includes CinePlex Capture (Video processor hardware with portable hard drive and video recording software) and CinePlex Playback and Mark-up Tool; LCD monitor; NIDAQ TIM cable	\$9,030
CPX-ST	CinePlex digital video recording and neural data file synchronization tool - includes CinePlex Capture (Video processor hardware with portable hard drive and video recording software) and CinePlex Playback and Mark-up Tool; LCD monitor; Standard timing cable for non-Plexon equipment	\$9,030
CPT	Tracking option for CinePlex Capture module - position tracking software and hardware interface	\$6,090
CPX/CAM-ULNS-30	CinePlex camera CAM/DFK21F04 and universal lens CPX-Lens, 30Hz	\$525

Electrodes and Electrode Drives

NAN Electrode Drives - These are standard electrode drives with circular base mount.		
NAN-SYS-1	Complete 1-channel NAN Electrode Drive System (Electrode base for holding 4 channels, 8-channel control box, 8-channel control software, and 1 electrode tower)	\$10,500
NAN-SYS-2	Complete 2-channel NAN Electrode Drive System (Electrode base for holding 4 channels, 8-channel control box, 8-channel control software, and 2 electrode towers)	\$13,545
NAN-SYS-3	Complete 3-channel NAN Electrode Drive System (Electrode base for holding 4 channels, 8-channel control box, 8-channel control software, and 3 electrode towers)	\$16,590
NAN-SYS-4	Complete 4-channel NAN Electrode Drive System (Electrode base for holding total number of channels ordered [from 4 to 8], 8-channel control box, 8-channel control software, and 4 electrode towers)	\$19,635
NAN-SYS-9	Complete 9-channel NAN Electrode Drive System (Electrode base for holding total number of channels ordered [from 9 to 16], 16-channel control box, 16-channel control software, and 9 electrode towers)	\$40,110

Optional NAN Components

CMS	Coarse Movement System	\$2,205
XYT	XY Table with Coarse Movement System	\$3,780
RTBL-CMS	Two-degree of freedom rotation table, with Coarse Movement System	\$3,780
RTBL-M-CMS	Two-degree of freedom rotation table, with motorized Coarse Movement System	\$5,355
GRD-s	Standard grid for 23 gauge guide tubes, 1mm inter-hole spacing	\$788
GRD-m	10 mm Grid for manifold guide tube	\$788
MFD-4	Manifold for passing up to 4 electrodes through one sharpened guide tube (including manifold holder)	\$1,575
MFD-8	Manifold for passing up to 8 electrodes through one sharpened guide tube (including manifold holder)	\$1,890
GT	Guide tube, 70 mm length	\$26
GT-s	Sharpened guide tube, 70 mm length	\$42
ELT	Additional Electrode Tower, with guide tube assembly	\$3,045
CB-UPG	Control Box Upgrade and software for controlling an additional 8 electrode channels	\$6,300
NAN Ext. Mount	Adapter for external stereotaxic frame mounting of NAN electrode drive	\$2,205

System Accessories

Preamplifiers, Digital Input Accessories, and Analog Recording Options		
Spike Preamplifiers - These preamplifiers have multi-pole filtering		
PBX2/16sp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 spike channels (100Hz-8kHz, 50x gain)	\$1,890
PBX2/16wb-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 wide-band channels (3Hz-8kHz, 50x gain)	\$1,890
PBX2/32sp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 32 spike channels (100Hz-8kHz, 50x gain)	\$3,150
PBX2/48sp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 48 spike channels (100Hz-8kHz, 50x gain)	\$4,410
PBX2/64sp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 64 spike channels (100Hz-8kHz, 50x gain)	\$5,670
These preamplifiers have programmable referencing		
PBX/16sp-r-G50	Preamplifier, 16 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$1,890
PBX/16wb-r-G50	Preamplifier, 16 wide-band channels (3Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$1,890
PBX/32sp-r-G50	Preamplifier, 32 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$3,150
PBX/48sp-r-G50	Preamplifier, 48 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$5,670
PBX/64sp-r-G50	Preamplifier, 64 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$5,670
Spike and Field Potential Preamplifiers - (The field potential preamplifiers require an analog recording option.)		
These preamplifiers have multi-pole filtering.		
PBX2/16sp-G50/16fp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 spike channels (100Hz-8kHz, 50x gain) and 16 field potential channels (0.7Hz-170Hz, 50x gain)	\$3,150
PBX2/16sp-G50/16fp-G50/16wb-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 16 spike channels (100Hz-8kHz, 50x gain) and 16 field potential channels (0.7Hz-170Hz, 50x gain), and 16 wide-band channels (3Hz-8kHz, 50x gain)	\$4,410
PBX2/32sp-G50/32fp-G50	Preamplifier with 2-pole low-cut and 4-pole high-cut filter, 32 spike channels (100Hz-8kHz, 50x gain) and 32 field potential channels (0.7Hz-170Hz, 50x gain)	\$5,670

These preamplifiers have programmable referencing

PBX/16sp-r-G50/16fp-G50	Preamplifier, 16 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing) and 16 field potential channels (0.7Hz-170Hz, 50x gain, 2-pole low-cut and 4-pole high-cut filter)	\$3,150
PBX/16sp-r-G50/16fp-G50/16wb-G50	Preamplifier, 16 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing), 16 field potential channels (0.7Hz-170Hz, 1000x gain, 2-pole low-cut and 4-pole high-cut filter), and 16 wide-band channels (3Hz-8kHz, 50x gain)	\$4,410
PBX/32sp-r-G50/32fp-G50	Preamplifier, 32 spike channels (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing) and 32 field potential channels (0.7Hz-170Hz, 50x gain, 2-pole low-cut and 4-pole high-cut filter)	\$5,670

Preamplifier Upgrade Boards

PRA2/16sp-G50	16 spike channel preamplifier card with 2-pole low-cut and 4-pole high-cut filter (100Hz-8kHz, 50x gain)	\$1,260
PRA2/16fp-G50	16 field potential preamplifier card with 2-pole low-cut and 4-pole high-cut filter (.7Hz-170Hz, 50x gain)	\$1,260
PRA2/16wb-G50	16 wide-band channel preamplifier card with 2-pole low-cut and 4-pole high-cut filter (3Hz-8kHz, 50x gain)	\$1,260
PRA/16sp-r-G50	16 spike channel preamplifier card (150Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$1,260
PRA/16fp-r-G50	16 field potential preamplifier card (3Hz-90Hz, single-pole filtering, 50x gain, with programmable referencing)	\$1,260
PRA/16wb-r-G50	16 wide-band channel preamplifier card (3Hz-9kHz, single-pole filtering, 50x gain, with programmable referencing)	\$1,260

Digital Input Accessories

CBL/DI-Cortex-15L	Digital input cable to interface to CORTEX system, standard female DB37 connector, 15 ft. length	\$158
CBL/DI-REX-15L	REX digital input cable, standard female DB37 connector, 15 ft. length	\$105
CBL/DI-MEDASSOC-15L	Digital input cable to interface to MED Associates system, 15 ft. length	\$158
CBL/DI-LAFINSTRU-15L	Digital input cable to interface Lafayette Instruments system, 15 ft. length	\$158

Analog Recording Options - (Analog recording is required to record any continuous analog signals, such as spike, field potential and wide-band signals, eye position, blood pressure, etc.) These National Instruments Subsystems include the board, cabling, breakout box, and interface wiring.

PCI/exp4	PCI expansion chassis with power supply, host-link board, timing board and cable, and 4 PCI slots available for A/D. Includes 19" rack mount.	\$2,100
ADC/16C-12B-1	National Instruments A/D subsystem plus accessories (SCB-68, CBL/SCB-68 cable, and PCI-6040E board) for 16-channel analog recording (250 kS/sec, 12-bit res.)	\$2,100
ADC/16C-12B-2	National Instruments A/D subsystem plus accessories (SCB-68, CBL/SCB-68 cable, and PCI-6070E board) for 16-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,045
ADC/16C-12B-1-BNC2090	National Instruments A/D subsystem plus accessories (BNC2090, 2 meter CBL/BNC2090 cable, and PCI-6040E board) for 16-channel analog recording (250 kS/sec, 12-bit res.)	\$1,890
ADC/16C-PXI-12B-2	National Instruments A/D subsystem plus accessories (SCB-68, 1 meter CBL/SCB-68 cable, and PXI-6070E board) for 16-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,255
ADC/16C-16B-1	National Instruments A/D subsystem plus accessories (SCB-68, CBL/SCB-68 cable, and PCI-6052E board) for 16-channel analog recording (333 kS/sec, 16-bit res.)	\$3,045
ADC/16C-PXI-16B-1 (NEW)	National Instruments A/D subsystem plus accessories (SCB-68, 1 meter CBL/SCB-68 cable, and PXI-6052E board) for 16-channel analog recording (333 kS/sec, 16-bit res.)	\$3,255
ADC/16C-12B-2-BNC2090	National Instruments A/D subsystem plus accessories (BNC2090, 2 meter CBL/BNC2090 cable, and PCI-6040E board) for 16-channel analog recording (250 kS/sec, 12-bit res.)	\$2,835
ADC/64c-PCI-12B-1-C (NEW)	National Instruments A/D subsystem plus accessories (C-HUB, 2 meter CBL/C-HUB cable, and PCI-6071E board) for 64-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,360
ADC/64c-PXI-12B-1-C	National Instruments A/D subsystem plus accessories (C-HUB, 1 meter CBL/C-HUB cable, and PXI-6071E board) for 64-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,570
ADC/64C-12B-1	National Instruments A/D subsystem plus accessories (PBOB, 2 meter CBL/PBOB cable, and PCI-6071E board) for 64-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,360
ADC/64C-PXI-12B-1	National Instruments A/D subsystem plus accessories (PBOB, 1 meter CBL/PBOB cable, and PXI-6071E board) for 64-channel analog recording (1.25 MS/sec, 12-bit res.)	\$3,570

Headstages

Headstages, Cables, and Tester Units - These are the most common types of headstages; there are many variations within each type.		
HST/8m-G1-GR	8-channel Microtech [10-pin] headstage, gain 1, grounded reference	\$525
HST/8o25-10P-GR	8-channel Omnetics .025 [10-pin] headstage, gain 1, grounded reference	\$525
HST/8o50-G1-GR	8-channel Omnetics .050 [10-pin] headstage, gain 1, grounded reference	\$525
HST/8o50-G20-GR	8-channel Omnetics .050 [10-pin] headstage, gain 20, grounded reference	\$525
HST/16o25-18P-GR	16-channel Omnetics .025 dual row [9-pin] headstage, gain 1, grounded reference	\$945
HST/32o25-36P-GR	32-channel Omnetics .025 dual row [36-pin] headstage, gain 1, grounded reference	\$1,575
HST/4EMG-8o50-G20	4-channel EMG headstage with Omnetics .050 [10-pin] connector, gain 20, differential amplification, 16 Hz low-cut filter	\$525
HST/12EMG-26H-G20	12-channel EMG headstage with 26-pin male Harwin connector, gain 20, differential amplification, 30Hz, low-cut filter	\$945
HST/2EMG-DC-G20	2-channel EMG headstage with Omnetics .050 [5-pin] connector, gain 20, differential amplification, DC-coupled, 8kHz low-cut filter, with integrated 36" cable and Harwin connector	\$630
HST/16V-G20	16-channel VLSI headstage, 20x gain	\$1,050
HST/16V-G20-2LED	16-channel VLSI headstage, 20x gain, 2 LED lights (one red, one green)	\$1,155
HST/32V-G20	32-channel VLSI headstage, 20x gain	\$1,680
HST/32V-G20-2LED	32-channel VLSI headstage, 20x gain, 2 LED lights (one red, one green)	\$1,785

Headstage Cables - These are the most common types of headstage cables; there are many variations within each type. The standard cable length is 36 inches.

HSC/8	8-channel headstage cable, 36" length	\$210
HSC/8-PW	8-channel headstage cable, plastic wrap, 36" length	\$368
HSC/8-MW	8-channel headstage cable, metal wrap, 36" length	\$368
HSC/16m	16-channel Microtech headstage cable, 36" length	\$315
HSC/16o50	16-channel Omnetics .050 headstage cable, 36" length	\$315
HSC/16o50-PW	16-channel Omnetics .050 headstage cable, plastic wrap, 36" length	\$525
HSC/16o50-MW	16-channel Omnetics .050 headstage cable, metal wrap, 36" length	\$525
HSC/16o25	16-channel Omnetics .025 headstage cable, 36" length	\$315
HSC/32o25	32-channel Omnetics .025 headstage cable, 36" length	\$630
HSC/32o25-PW	32-channel Omnetics .025 headstage cable, plastic wrap, 36" length	\$735
HSC/16V	Headstage cable for 16-channel VLSI headstage, 36" length	\$315
HSC/32V	Headstage cable for 32-channel VLSI headstage, 36" length	\$630
HSC/12EMG	Headstage cable for 12-channel EMG headstage, 16-pin female Harwin connector to 26-pin female Harwin connector, 36" length	\$315

Headstage Tester Units

HTU/16o25-18P	Headstage tester unit, 16-channel Omnetics .025 dual-row [18-pin]	\$158
HTU/16V	Headstage tester unit for 16-channel VLSI headstage	\$158
HTU/32o25-36P	Headstage tester unit, 32-channel Omnetics .025 dual-row [36-pin]	\$263
HTU/32V	Headstage tester unit for 32-channel VLSI headstage	\$263
HTU/8m	Headstage tester unit, 8-channel Microtech	\$158
HTU/8m-S	Headstage tester unit with spacing between connectors to accommodate an 8-channel Microtech headstage with gain	\$158
HTU/8o25-10P	Headstage tester unit, 8-channel Omnetics .025 [10-pin]	\$158
HTU/8o50	Headstage tester unit, 8-channel Omnetics .050	\$158
HTU4EMG-8o50	Headstage tester unit to accommodate a 4-channel EMG headstage, Omnetics .050 [10-pin] connector	\$158
HTU/8o50	Headstage tester unit with spacing between connectors to accommodate an 8-channel Omnetics headstage with gain	\$158

Headstage Interface Hardware

Headstage Input Connectors, Mating Connectors, and Adaptors		
Headstage Input Connectors - Minimum order for connectors is \$200.		
CON/8o50f-10P		\$16
CON/8o50f-10P-L		\$16
CON/8o25f-9P		\$16
CON/8o25f-10P		\$16
CON/16o25f-18P		\$47
CON/16f-V		\$42
CON/32f-V		\$53
Headstage Mating Connectors - Minimum order for connectors is \$200.		
CON/8o50m-10P		\$16
CON/8o50m-10P-L		\$16
CON/8o25m-9P		\$16
CON/8o25m-10P		\$16
CON/16o25m-18P		\$47
CON/16m-V		\$42
CON/32m-V		\$53
Adaptors		
ADP/8o50-AMP-f	8-channel [10-pin] Omnetics .050-to-female amphenol pin adaptor set	\$263
ADP/8o50-MICH	8-channel [10-pin] Omnetics .050-to-16 channel Michigan Probe adaptor	\$263
ADP/8o50-NAN-4	Adaptor to interface 8-channel (10-pin) Omnetics .050 headstage to 1-4 NAN electrode drive channels	\$74
ADP/8o50-NAN-8	Adaptor to interface 8-channel (10-pin) Omnetics .050 headstage to 5-8 NAN electrode drive channels	\$74
ADP/TREC3-PBX16	Adaptor cable to connect 3-channel Thomas Recording drive (with female DB25) to PBX/16 (male Harwin), 36 in. length	\$315
ADP/TREC5-PBX16	Adaptor cable to connect 5-channel Thomas Recording drive (with female DB25) to PBX/16 (male Harwin), 36 in. length	\$315
ADP/TREC16-PBX16	Adaptor cable to connect 16-channel Thomas Recording drive (with female DB25) to PBX/16 (male Harwin), 36 in. length	\$315
EMG/12D-SL-input	SafeLead Input panel for full differential 12-channel EMG and EEG headstage	\$840

Wireless Headstage System, Commutator, Computer, and Data Analysis Software

Plexon/TBSI Wireless Headstage System		
HST/Neuro15Battery24	Additional battery pack for 24-hour operation	\$998
HST/NeuroRadioRX	Wireless system receiver unit, 6.25x gain	\$8,663
HST/NeuroRadioBPRX	Wireless system receiver unit (backpack version), 1.25x gain	\$11,235
HST/15Radio_025_18	15-channel wireless headstage, Omnetics .025 [18 pin] connector, 80x gain	\$2,888
HST/15Radio_025_36	15-channel wireless headstage, Omnetics .025 [36 pin] connector, 80x gain	\$2,888
HST/15Radio_050_20	15-channel wireless headstage, Omnetics .050 [20 pin] connector, 80x gain	\$2,888
HST/15Radio_025_18_24H	15-channel wireless headstage, Omnetics 025 [18 pin] connector, with 24 hour battery pack, 80x gain	\$4,568
HST/15Radio_025_36_24H	15-channel wireless headstage, Omnetics .025 [36 pin] connector, with 24 hour battery pack, 80x gain	\$4,568
HST/15Radio_050_20_24H	15-channel wireless headstage, Omnetics .050 [20 pin] connector, with 24 hour batter pack, 80x gain	\$4,568
HST/15RadioBP_025_18-7L	15-channel VLSI wireless headstage backpack system, Omnetics .025 [18 pin] connector, 400x gain, 7 cm cable between headstage and backpack	\$4,830
HST/15RadioBP_025_18_24H-7L	15-channel VLSI wireless headstage backpack system, Omnetics .025 [18 pin] connector, 24 hour battery pack, 400x gain, 7 cm cable between headstage and backpack, 7 cm cable between headstage and backpack	\$5,828
HST/15RadioBP_025_18-9L	15-channel VLSI wireless headstage backpack system, Omnetics .025 [18 pin] connector, 400x gain, 9 cm cable between headstage and backpack	\$4,830
HST/15RadioBP_025_18_24H-9L	15-channel VLSI wireless headstage backpack system, Omnetics .025 [18 pin] connector, 24 hour battery pack, 400x gain, 9 cm cable between headstage and backpack	\$5,828

Commutators		
COM/16	16-channel commutator with Harwin connectors	\$4,253
COM/15m	15-channel commutator with servo motor and Harwin connectors	\$8,978
COM/32	32-channel commutator with Harwin connectors	\$7,245
COM/32m-H	32-channel commutator with Hall effect sensor, stepper motor, and Harwin connectors (for passing 32-signal channels plus headstage reference, ground and, power channels)	\$14,700
COM/64m-H	64-channel commutator with Hall effect sensor, stepper motor, and Harwin connectors (for passing 64-signal channels plus headstage reference, ground and, power channels)	\$16,800
COM/96m-H	96-channel commutator with Hall-effect sensor, stepper motor, and Harwin connectors (for passing 96-signal channels plus headstage reference, ground and, power channels)	\$18,900
COM/128m-H	128-channel commutator with Hall-effect sensor, stepper motor, and Harwin connectors (for passing 128-signal channels plus headstage reference, ground and, power channels)	\$22,050

(Higher channel count commutators available upon request.)

Computers and Test Equipment		
HDS/507	Hameg 507 digital oscilloscope	\$1,400
DELL/OptiPlex745	Dell Optiplex 745 Minitower, Core 2 Duo E6400, 2.13GHz, 2.0GB RAM, 1066FSB, 3 Year Warranty	\$1,700
MON/19LCD	19 in. flat-panel, LCD monitor	\$300
MON/20LCD-W	20 in. wide-aspect, flat-panel monitor	\$400
MON/24LCD-W	24 in. wide-aspect, flat-panel, LCD monitor	\$700

Data-Analysis Software		
OFS/v2-2usb	Offline Sorter, version 2 with OFSv2 manual, 2 USB keys (two seat license)	\$4,410
OFS/UPG-2usb	Offline Sorter upgrade from version 1 to version 2, 2 USB keys (two seat license)	\$1,575
OFS/k-pp	Additional Offline Sorter (version 2) parallel port license key	\$1,575
OFS/k-usb	Additional Offline Sorter (version 2) USB license key	\$1,575
NEX/v3-3usb	NeuroExplorer Data Analysis software, version 3 with manual, three seat license (USB keys)	\$2,900
NEX/UPG2-3-3usb	NeuroExplorer Data Analysis software upgrade from version 2 to version 3, 3 USB keys (three seat license)	\$1,000
NEX/k-pp	Additional NeuroExplorer (version 3) data analysis software parallel port license key	\$1,100
NEX/k-usb	Additional NeuroExplorer (version 3) data analysis software USB license key	\$1,100

(Other key combinations are available upon request.)