Analytical Instruments
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BASi was established in 1974 to commercialize an electrochemical detector for liquid chromatography developed by Professor Peter Kissinger. This innovative instrument measured the concentrations of neurologically important molecules with higher precision, at lower detection limits, with less sample preparation and at much lower cost than other methods. In the more than 30 years since, BASi has grown as an instrument company, with equipment for both analytical chemistry (electrochemistry and liquid chromatography) and in vivo sampling (sampling extracellular matrices by microdialysis or ultrafiltration and blood sampling using the Culex® Automated In Vivo Sampling System), serving both academia and industry with representatives and distributors worldwide. BASi has also developed as a contract research organization (CRO) serving primarily the pharmaceutical industry, with four locations across the US and in the UK.

BASi has maintained its position at the forefront of electrochemical instrumentation – the first commercial stand-alone voltammetry instrument, the first commercial microprocessor-controlled electrochemical workstation, the first commercial Windows® electrochemical interface – and has gained a worldwide reputation for quality instruments that are easy to use, reliable and competitively priced. The cornerstone of BASi electrochemical equipment is the epsilon™, a PC-controlled instrument available in a number of different configurations, including a four-channel potentiostat optimized for use as an electrochemical detector for liquid chromatography, and a single-channel potentiostat/galvanostat ideal for cyclic voltammetry and other electroanalytical techniques in both teaching laboratories and research environments. We have also developed a number of accessories, both for liquid chromatography and for electrochemistry (e.g., cell stands, flow cells, and electrodes). This catalog summarizes our current line of analytical instruments and accessories. More information is available on our web sites.

Our expertise in analytical chemistry is not limited to instrument development and manufacturing. We also present workshops and seminars on all aspects of electrochemistry, ranging from basic concepts to more specialized applications. Our highly experienced R&D team writes application and review articles to show customers the great versatility and utility of electrochemistry. This team also carries out contract electrochemical research in a variety of different areas, including evaluation of redox potentials for a series of organic or organometallic compounds.
The epsilon is a family of potentiostats/galvanostats designed to provide great flexibility in instrument selection. The most basic epsilon can be used for standard techniques such as cyclic voltammetry, controlled potential electrolysis, constant potential amperometry and potentiometry, making it ideal for the teaching lab or for basic materials characterization. Pulse, square wave, and stripping techniques can be added by a simple software upgrade, and a hardware upgrade for a second channel (bipotentiostat) is available, either at time of purchase or later.

**Features**
- Windows® multiple document interface
- USB connection
- Control of BASi accessories (e.g., cell stands)
- Wide current measurement (10pA-100mA)
- Peak-finding routine
- File subtraction and overlay
- Positive feedback iR compensation
- Analog filtering and digital smoothing
- Various text file formats (including DigiSim-compatible)
- IUPAC/polarographic conventions
- Analog I/O
- Bipotentiostat option

**Part Number**

**E2-#####**

(See www.BASInc.com/products/ec/epsilon/, click “Get Prices”.)

**Did you know?**
You can subscribe to our EC online newsletter by completing the form at:

The C3 Cell Stand is a general-purpose accessory for electroanalytical experiments. It provides a base to support the cell vial and a mounted cell top to hold the electrodes. The base also contains a magnetic stirrer, and there are lines for inert gas purging. Stirring and gas purging are available by remote control with BASi PC-controlled potentiostats. The standard package contains all accessories needed to run basic electrochemistry experiments.

**Standard Package**

- Glassy carbon working electrode
- Platinum working electrode
- Ag/AgCl reference electrodes (+ storage vial)
- Platinum auxiliary electrode
- PK-4 working electrode polishing kit
- Standard cell vials
- Low-volume cell vials
- Stir bar
- Cell lead clips
- Gas line tubing

**Features**

- Faraday cage for low current measurements
- Dual gas lines for purge and blanket
- Cell lead connects directly to all BASi potentiostats (other potentiostats require modification of the cell lead)
- Optional water-jacketed cell vial

**Part Number**

EF-1085  C3 Cell Stand
The CGME is a mercury drop electrode that can be used as a Dropping Mercury Electrode (DME), a Static Mercury Drop Electrode (SMDE) (e.g., for polarography), and a Hanging Mercury Drop Electrode (HMDE) (e.g., for anodic stripping voltammetry). The mercury drop is grown by opening a fast-response valve, and drop size is determined by the length of time the valve is open, which allows a wide range of drop sizes.

**Standard Package**
- Cell stand with magnetic stirrer and gas purge capabilities
- 150 µm ID glass capillary
- Ag/AgCl reference electrodes (+ storage vial)
- Platinum wire auxiliary electrode
- Standard glass and low-volume cell vials
- Stir bar
- Startup kit (vacuum pump, syringe + needle, tubing)
- Mercury pickup tool
- Plastic spill tray

**Features**
- Standard addition port
- Manual and remote control of knock/Dispense functions
- Optional water-jacketed cell vial
- Cell top compatible with BASi voltammetry electrodes
- Optional 100 µm bore capillary for DME experiments

**Part Number**
- EF-1400  CGME - Controlled Growth Mercury Electrode
The BASi RDE-2 is a rotator system for both fixed rotation rate and hydrodynamic modulation rotating disk electrochemical experiments. Rotation rates from 50 to 10,000 RPM are available with better than 1% accuracy. The rotator unit is manually raised and lowered, and can be inverted for spin-coating. Rotation functions can be controlled remotely using a BASi PC-controlled potentiostat, or manually.

**Standard Package**
- Cell stand with gas purge capabilities
- Glassy carbon working electrode
- Ag/AgCl reference electrodes (+ storage vial)
- Platinum wire auxiliary electrode
- PK-4 working electrode polishing kit
- Cell vials
- Gas line tubing

**Features**
- Compatible with BASi stationary voltammetry electrodes
- Standard addition port
- Easy and rapid exchange of electrodes
- Low-noise electrode contact
- Excellent rotation speed accuracy, acceleration and deceleration
- Cell volume approximately 10 mL
- Optional water-jacketed cell vial

**Part Number**
EF-1100  RDE-2 Rotating Disk Electrode
The PWR-3 Power Module is a high-current, high-compliance voltage potentiostat (1 A, 85 V) that can be used as a stand-alone potentiostat for constant potential experiments, particularly bulk electrolysis, or as a booster for other BASi potentiostats.

The unique design of its current-to-voltage converter eliminates loss of potential at the working electrode connector caused by high current through the cell lead.

**Part Number**

EF-1061  PWR-3 Power Module

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The Petit Ampére is a portable constant-potential potentiostat suitable for electrochemical detection and other amperometric measurements. Multi-channel capabilities are possible, either by combining multiple units or by combination with a LC-4C. Three versions of the Petit Ampére are available with different current ranges.

**Part Number**

EF-1200  LC-3C  0.2 to 10 nA/V
EF-1201  LC-3D  5 to 200 nA/V
EF-1202  LC-3E  5 to 200 mA/V
The LCM Low Current Module is an accessory for 100B/W potentiostat to measure low nA or pA currents (e.g., for microelectrode studies). A Faraday cage such as that provided by the C2 and C3 Cell Stands is required.

**Standard Package**
- PA-1 preamplifier (pre-amp + second stage amp-filter)
- 10 µm platinum microelectrode

**Part Number**
- **EF-1060** LCM for C-3 Cell Stand
- **EF-1069** LCM for C-2 Cell Stand

**Features**
- Low noise (special shielding and filter minimize electrical interference)
- Excellent frequency response, up to 25 kHz
- 6 filter settings (2nd order low pass Bessel filter)
- Current ranges 10 pA/V to 1 µA/V

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The ACI AC Impedance Module is required for AC impedance measurements using the BASi 100B/W. (This only works with existing BASi 100B/Ws.)

**Features**
- Frequency range: 0.1 mHz to 1 kHz
- FFT (multi-frequency) wave form and data analysis
- 14 plots available including Nyquist and Bode plots
- Requires C2 or C3 Cell Stand

**Part Number**
- **EF-1073** AC Impedance Module for C-2 Cell Stand (Requires 100B/W Workstation)
- **EF-1074** AC Impedance Module for C-3 Cell Stand (Requires 100B/W Workstation)
DigiSim® is a simulation program for cyclic voltammetry based on the fast implicit finite difference method.

**Features**
- Simulates single or multiple electron transfer reactions and first- and second-order chemical reactions
- CV – the Movie™ provides a dynamic display of concentration profiles
- Imports experimental data for comparison and least-squares fitting with simulated data
- Windows® operating systems
- USB or LPT software key (dongle)

**Part Number**
- EF-1062  DigiSim Software w/LPT key
- EF-1063  DigiSim Software w/USB key

DigiSim is a registered trademark and CV – the Movie is a trademark of Bioanalytical Systems, Inc.

**Did you know?**
BASi Applications Capsules cover a variety of topics related to electroanalytical chemistry. Applications Capsules may demonstrate the feasibility of a particular assay, point out critical steps in sample preparation or elaborate on technique. They provide useful guidelines that can be developed further, according to user requirements and are available on request.

KinFitSim 3.0 is a tool for simulating complex chemical reactions that may be used to

- develop a quantitative understanding of the reactions
- optimize reaction conditions in liquid or gas phase
- devise a true reaction mechanism based on experimental measurements

KinFitSim visual interface is user-friendly and intuitive and is designed for anyone who needs to solve chemical mechanistic problems. It automatically simulates the time-course of chemical or biochemical reactions given the information about the stoichiometry of the reaction mechanism, kinetics of each reaction and initial concentrations of all species. Simulated data may be displayed on screen or conveniently exported into other data-handling software.

KinFitSim® is a registered Trademark of Irina Svir and Oleksiy Klymenko
KinFitSim Copyright © 2002-2008
Developed by Irina Svir and Oleksiy Klymenko,
Kharkov National University of RadioElectronics,
Ukraine, e-mail: irina.svir@kture.kharkov.ua

**Features:**

- Convenient and intuitive user interface
- Reaction mechanism entry in conventional format
- Robust automatic simulation regime that prevents the need for user intervention
- Automated export of simulated data and import of experimental data
- Convenient and adjustable graphic output
- Saving simulated reaction mechanisms and parameters to a file
- Chemical reaction mechanisms with tens of reactions and involving a large number of chemical species are possible
- Simultaneous fitting of an arbitrary number of data sets to the same reaction mechanism
- Automatically determines best-fit kinetic values from user ‘best guess’ model
- Report with simulation results and best-fit parameter values
- Support of KINSIM mechanism file format

**Part Number**

**EF-1667**  KinFitSim: Kinetics fitting and simulation software package (includes detailed user’s manual and USB Software Key)
Voltammetry Electrodes
- CTFE body (chemically inert, mechanically stable)
- 1.6 mm or 3 mm diameter disk
- Variety of materials (e.g., glassy carbon, platinum, gold, etc.)
- Custom fabrication available

Microelectrodes
- Wire or fibers (5 – 100 µm)
- Platinum wire, gold wire or carbon fiber
- Custom fabrication available

Rotating Disk Electrodes
- CTFE body (chemically inert, mechanically stable)
- Screws onto shaft of RDE-1 or RDE-2
- Variety of materials (e.g., glassy carbon, platinum, gold)
- Custom fabrication available

Selected Part Numbers

Voltammetry
- MF-2012  Glassy Carbon (3.0 mm)
- MF-2013  Platinum (1.6 mm)
- MF-2014  Gold (1.6 mm)

Microelectrode
- MF-2005  10 µm Platinum
- MF-2006  10 µm Gold
- MF-2007  11 µm (±2 µm) Carbon Fiber

RDE
- MF-2066  Glassy Carbon (3 mm)
- MF-2067  Platinum (3 mm)
- MF-2068  Gold (3 mm)

For a complete listing:
www.BASInc.com/products/ec.html
**Reference Electrodes**

- Ag/AgCl aqueous reference electrodes (ceramic or porous Vycor® frit)
- Saturated calomel reference electrode (mercury not provided)
- Ag/Ag⁺ non-aqueous reference electrode
- Double-junction chamber

**Auxiliary Electrodes**

- Straight platinum wire electrodes (for stationary solution experiments)
- Coiled platinum wire electrode (for higher current experiments)

**Selected Part Numbers**

**Reference Electrodes**

- MF-2079  Ag/AgCl (long, Vycor® tip)
- MF-2078  Ag/AgCl (short, ceramic tip)
- MF-2055  Calomel Reference Electrode Kit (No Hg or Hg₂Cl₂)
- MF-2062  Non-aqueous Reference Electrode Kit

**Auxiliary Electrodes**

- MW-1032  Straight Platinum Wire (7.5 cm)
- MW-1033  Coiled Platinum Wire (23 cm)

**For a complete listing:**

www.BASInc.com/products/ec.html

*Vycor® is a registered trademark of Corning Inc.*
This cell is designed for complete electrolysis of a species in solution, as required for bulk electrolysis and controlled potential coulometry. Ideal for small-scale electrosynthesis (mg quantities).

**Features**
- Large surface area working electrode (reticulated vitreous carbon)
- Chamber for isolating auxiliary electrode
- Optional platinum gauze electrode
- Optional water-jacketed vial

**Part Number**
- **MF-1056** Bulk Electrolysis Cell Kit
- Special Order Platinum Gauze Electrode

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**Cell Vials**

Replacement cell vials for all BASi cell stands, including low-volume and water-jacketed vials.

**Part Numbers**
- **MR-1208** Replacement cell vial for C-3 Cell Stand, CGME, and RDE-2 (12/pkg)
- **MF-1084** Low-volume cell vial for C-3 Cell Stand, CGME, and RDE-2 (6/pkg)
- **MR-1212** Water-jacketed cell vial for C-3 Cell Stand, CGME, and RDE-2
- **MR-1205** Teflon® Cell Vial for C-3 Cell Stand, CGME, and RDE-2

*For a complete listing:*
www.BASInc.com/products/ec.html

*Teflon® is registered trademark of E. I. du Pont de Nemours and Company*
Spectroelectrochemistry couples the ability of an electrochemical experiment to change the oxidation state of a solution species with the structural and quantitative capabilities of spectroscopy. This cell is the combination of a thin-layer electrochemical vessel and a quartz cuvette (1 mm path length) designed to be used in a standard UV-VIS spectrometer.

- Monitor in real time the chromic changes associated with a reduction/oxidation reaction including reactant, intermediate(s) and/or final product(s) by spectroscopic means.
- Platinum and Gold mini-grid electrodes are available.
- Uses standard BASi reference electrode (purchased separately)
- Kit includes:
  - Thin-layer quartz cuvette (1mm path length)
  - Platinum or gold minigrid working electrode
  - Platinum wire auxiliary electrode
  - Teflon® cap
  - Chemically inert plastic purge tube
- Additional electrodes not included:
  - MF-2079 - RE-5B Ag/AgCl Reference Electrode (3/pkg)
  - MF-2078 - RE-6 Ag/AgCl Reference Electrode (3/pkg)
  - MF-2062 - Ag/Ag+ Non-Aqueous Reference Electrode

**Part Numbers**

EF-1350  Spectroelectrochemical Cell with Platinum minigrid

EF-1351  Spectroelectrochemical Cell with Gold minigrid
This practical, intuitive approach to electroanalytical chemistry presents both fundamental concepts and experimental techniques without confusing technical jargon or needlessly extensive mathematics. It is a valuable reference for chemists in a variety of fields and an important textbook for graduate or upper-level undergraduate students enrolled in instrumental analysis or analytical chemistry courses.

This second edition encompasses 1000 pages and offers authoritative contributions from forty experts. It is well illustrated (1050 illustrations, tables, photographs or equations) and documented (1640 citations).

Part Number
ISBN - 0824794451
An inert atmosphere is often required for electrochemical experiments when studying oxygen-sensitive or moisture-sensitive compounds. A common means to accomplish this is to work inside a glove box. Several BASi products are popular for work in this environment. The glove box feed-through cable provides a relatively simple connection of the external potentiostat to the internal cell. The VC-2 voltammetry cell is an inexpensive voltammetry cell that can be used with a ring stand and takes up little space inside the glove box. The non-aqueous reference electrode kit provides a stable reference potential in organic solvents in cases where an aqueous reference electrode cannot be used.

**Glove Box Feed-Through Cable**

The glove box feed-through cable provides a leak-proof connection between the external electrochemical instrument and the internal cell. A sealed (air-tight) female-to-female LEMO feed-through connector with an O-ring compression seal to the wall of the glove box is available. A short (2 ft.) extension cable (free male LEMO to free female LEMO connector) is included and is required to correct the “crossing of lines” that occurs in the LEMO feed-through connector. The feed-through and extension cables accept standard BASi cell lead cables. External connection between an instrument and feed-through is typically made via our special 8’ Lemo-to-Lemo cable.

**VC-2 Voltammetry Cell**

The VC-2 Voltammetry Cell assembly is an inexpensive cell to hold the test sample and BASi electrodes. The Teflon® top includes a platinum wire auxiliary electrode with gold connecting pin. This electrode can be removed and replaced if it becomes worn. BASi reference and working electrodes, which must be ordered separately, fit into holes in the top. The vial can hold 10-20 mL of sample solution.

**Part Number**

MF-1052  VC-2

Special Order - Glove Box Feed-Through Cable
The LC epsilon (e5) is the latest in the line of electrochemical detectors that BASi initiated over 30 years ago. It is a fully computer-controlled detector specifically designed for the requirements of electrochemical detection in liquid chromatography. It controls and monitors a thin-layer flow cell attached to chromatographic columns ranging from microbore to standard bore (0.32 - 4.6 mm ID) formats. It is optimized for high current sensitivity and low noise by including important design features such as extensive filtering, optical isolation between the digital and analog components, and particular circuit layout and electronic component selection.

**Part Number**

E5-#######

(See www.BASInc.com/products/ec/e5.html, click “Get Prices”.)

**Features**

- Optically isolated circuitry for noise reduction
- 100 pA to 5 mA gain ranges
- Up to 4 channels optional
- Inputs for 2 external LC detectors
- Modified LC epsilon available for capillary electrophoresis
- Pulsed Amperometric Detection (PAD)
- Analog and digital filtering
The LC-4C is an analog detector specifically designed for LCEC with high current sensitivity, extensive filtering, offset and autozero. Two channels are available on the LC-4C — the detector channel, which applies a potential and measures current response, and the generator channel, which can only apply a potential. The detector channel is used in all experiments, whereas the generator channel is used only for experiments in which analyte is electrolyzed before reaching the detector electrode; for example, dual series electrode applications. If the current on both channels needs to be recorded, two LC-4C detectors can be combined.

Features
- Amperometric detector for thin-layer flow cells
- Two channels - generator and detector
- Generator - conducts redox reactions at upstream electrode
- Detector - high current sensitivity, filtering, offset, and autozero
- Controlled from front panel
- Multi-channel capability with additional LC-4C
- Modified LC-4C available for capillary electrophoresis

Part Number
EF-1015 LC-4C Amperometric Detector
LC44-1#### (LC-4C as part of system)

Did you know?
BASI has sponsored the Reilley Award, presented by the Society for Electroanalytical Chemistry (SEAC*) since its inception in 1984. The Reilley Award recognizes an active researcher who has made a major contribution to the theory, instrumentation, or applications of electroanalysis.

*www.electroanalytical.org
BASi marketed the first commercial electrochemical thin-layer flow cell in 1974. Since then, the company has developed a number of flow cells for different LC applications. These electrodes consist of a working electrode block separated from the stainless steel auxiliary electrode by a Teflon gasket. The working electrode may easily be exchanged with the quick-release clamping mechanism.

Features
- Cross flow and radial flow versions
- Low dead volume
- Single-, dual-, or multi-electrode options
- Parallel or series orientation relative to flow
- Variety of working electrode materials
- Compatible with BASi Wired Enzyme Electrodes
- True thermodynamic Ag/AgCl reference electrode
- Easy removal of working electrode

(See www.BASInc.com/products/ec/flowcells.html)

The CC-5e is a complete electrochemical flow cell package used with the LC-4C and LC epsilon amperometric detectors. The compartment accommodates BASi thin-layer cell and other components of a liquid chromatography system (conventional and microbore) such as a column heater, column, injection valve, pre-columns, post-column enzymatic reactors and other accessories. The compartment functions as a Faraday cage and spill tray.

Features
- Cross-flow or radial-flow options
- Amperometric control by LC epsilon or BASi LC-4C
- Microbore chromatography-compatible
- Suitable for FIA
- Low dispersion: couple with optical detection downstream
- Temperature control option
- Enclosed in Faraday cage with spill tray
- Compatible with all BASi UniJet columns

(Use LC44-0#### to order)
PK-4 Polishing Kit
The PK-4 Polishing Kit contains material to polish working electrodes, to regenerate an electrochemically-active electrode surface. Suitable for all types of working electrodes.
- Glass plates
- Polishing pads
- Alumina and diamond polish

Part Number
MF-2060  PK-4 Polishing Kit

LC-22C Temperature Controller
- Simple LED controls
- Controls two independent column heaters from ambient to 85 °C in 0.1 °C increments
- Two heater blocks available (for different column sizes)
- Short heater block mounts inside CC-5e cabinet

Part Number
EF-1057  LC-22C Temperature Controller

LC-26C On-Line Degasser
- Microprocessor-controlled vacuum system
- Removes dissolved gas from up to 4 separate reservoirs of mobile phase
- 400 µL internal volume

Part Number
MF-8501c  LC-26C On-Line Degasser
Analytical Columns

- Stainless steel or PEEK
- Biophase and Phase II columns
- 3 and 5 µm particle sizes
- Immobilized enzyme reactor (IMER) columns

For more: www.BASInc.com/products/ec/columnsA.html

Microbore Columns

- 1 mm columns
- 3 and 5 µm particle sizes
- Immobilized enzyme reactor (IMER) columns

For more: www.BASInc.com/products/ec/columnsM.html

Accessories

- Full line of column accessories (tubing, connectors, etc.).
The electrochemical determination of hydrogen peroxide has been used to selectively measure acetylcholine, choline, glucose and lactate in diverse biological samples. The analyte is isolated using a microbore or cartridge chromatography column. An analyte-specific, oxidase enzyme bound to a post-column immobilized enzyme reactor (IMER) produces \( \text{H}_2\text{O}_2 \) which is then detected downstream at the surface of a working electrode in the electrochemical detector. A redox polymer film containing horseradish peroxidase (HRP) is coated on the surface of a glassy carbon electrode. The redox polymer electrically "wires" the peroxidase enzyme to the electrode.

**Wired enzyme electrode advantages vs. the platinum electrode**
- Improved sensitivity
- Better detection limits
- Improved operational stability
- Faster stabilization of the background
- Operates at a lower applied potential than a platinum electrode (+100 mV vs. Ag/AgCl)

**Contents**
- Peroxidase redox polymer coating solution
- Two working electrodes (cross-flow)
- 1 µL dispensing syringe
- Surfactant solution
- Thin-layer cell gaskets
- Storage base and cover
- Cold packs
- Manual

Peroxidase Redox Polymer solution must be kept cold. Kits are only available in North America, UK, and Europe. Solution must be refrigerated immediately upon receipt.

Wired Enzyme sensor technology is licensed from E. Heller and Co. US Patents 5,320,725 and 5,262,035

**Part Number**
- **MF-2095**  Peroxidase Redox Polymer Kit: for Cross-Flow Cell Design
- **MF-2096**  Reagent refill for kit
IQ/OQ (Qualification) of Analytical Instruments

For those who work in a regulated environment, qualification or validation of BASi analytical instruments is required. BASi offers Installation Qualification (IQ) and Operational Qualification (OQ) services for new installations and periodic OQ services for existing equipment. Our qualification protocol includes a visit to your site by a trained BASi technician, qualification of the instruments against NIST-calibrated test equipment, and documentation of all test results in a signed and dated test procedure. Prices for these services will vary by location and the number and types of instruments validated. Contact BASi for a quote.

Contract Laboratory Research - GLP, GMP, and GSP Services

BASi offers extensive services to meet your analytical needs. Your samples will be routed to the appropriate laboratory at BASi based on analyte type, the number of samples, and whether you require a Good Laboratory Practices (GLP), Good Manufacturing Practices (GMP) or Good Scientific Practice (GSP) protocol.

- Preclinical/Toxicology Studies
- Non-GLP Research Services
- Bioanalytical Chemistry
- Immunoassays
- Pharmaceutical Analysis and Stability Program Management

In Vivo Products

BASi also manufactures instruments for In Vivo Sampling from laboratory animals.

Request the catalog: invivo@BASInc.com
Prices
http://www.BASinc.com/products/prices.html

Ordering Instructions
http://www.BASinc.com/products/ordering.html

Terms of Sale

Limited Warranty
BASI instruments manufactured by the company carry a one-year limited warranty.

Extended Warranty and Maintenance Protection Plan
A Maintenance Protection Plan is available for BASi analytical instruments extending the initial one-year warranty. Instruments no longer in warranty must be inspected by BASi, for a minimum estimate charge, prior to being registered for an extended warranty. Contracts are normally priced at 10% of the current list price for the instrument(s) to be covered. Since prices may increase, it is most economical to obtain coverage at the time of initial purchase. The minimum fee is $1,000.00 (US dollars).