

New Literature

SERIES CONDITIONERS

The 3000 instrument series catalog describes a family of stand-alone, single-channel signal conditioners and digital indicators. Producing high-level analog output, these instruments can accommodate virtually all types of transducers and signal sources encountered in electromechanical testing and control operations. Daytronic Corporation, 2589 Corporate Place, Miamisburg, OH 45342. **122**

NEW INVENTIONS

Patenting and Marketing Your Invention is an informative guide that gives advice on securing patents, finding capital, manufacturing and selling inventions. The guide contains up-to-date facts on the legislation governing the protection of ideas, including convenient listings of fee schedules for patents and trademarks and over 30 time-saving usable illustrative forms. Van Nostrand Reinhold, 115 Fifth Avenue, New York, NY 10003. **136**

pH HANDBOOK

The new 1986 pH and Conductivity Measurement Handbook and Encyclopedia offers hundreds of new products for pH electrodes to sophisticated data-acquisition systems. The handbook contains over 100 full-color pages and features a technical reference, sections on field-service products, laboratory instrumentation, electrodes and accessories, industrial control systems, auxiliary equipment, and humidity. Omega Engineering, Inc., One Omega Drive, Box 4047, Stamford, CT 06907. **138**

QUARTERLY JOURNAL

The *Journal of Manufacturing Systems* begins quarterly publication this year. The Society of Manufacturing Engineers (SME) and the Computer and Automated Systems Association of SME (CASA/SME) have published the journal biannually since 1982. The journal includes eight papers investigating new theory and applications, and contains

in-depth papers integrating manufacturing processes into systems. Special features include book reviews and reports of 'work in progress'. Each issue is reviewed by an independent editorial review board. Society of Manufacturing Engineers, Marketing Department, One SME Drive, P.O. Box 930, Dearborn, MI 48121. **105**

PLASTICS CATALOG

The new and expanded 1986 AIN Plastics Catalog offers the widest selection of plastic products available anywhere, states the company. This 128-page book features rod, sheet and tube stock of ABS, acetal, butyrate, acrylic, delrin, nylon, phenolics, polycarbonates, polyolefins, polyurethanes, Teflon and a wide variety of cements and accessories. The easy-to-use catalog lists available thicknesses and sizes, and details a range of adhesives, casting materials and putties. AIN Plastics, Inc., Dept. 86 BAC, P.O. Box 151, Mt. Vernon, NY 10550. **128**

STRONG EXPERIMENTER/ ANALYST NEEDED

The Lawrence Livermore National Laboratory is looking for an individual with strong experimental and analytical skills. A diversity of problems exist whose solution requires a skilled mix of experiment, analysis, test, and instrumentation/measurements:

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- Experiments and analysis related to:
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 - Environmental extremes
 - Composite material structures
 - Residual stresses
 - Interface pressures

QUALIFICATIONS: MS or PhD in Engineering or Physics with demonstrated proficiency in experimental work. Knowledge in some or all of a broad range of skills such as heat transfer, fluid mechanics, shock and vibration, structures, materials, electronics, measurements, and instrumentation is highly desirable.

ADDITIONAL NEEDS: An opening also exists for an engineering technologist skilled in instrumentation and measurements.

CONTACT: Please send resume or call collect (415)422-6988 for more information to: Henry Freynik, Section Leader, Engineering Measurements Section, Lawrence Livermore National Laboratory, P.O. Box 808, Mail Stop L-145, KEB-41601A, Livermore, California 94550.

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