

Commercial Announcements

Gilson Company Introduces New Instruments

The Gilson Company, which offers a full range of particle size analysis and sampling instruments and also provides testing equipment for civil engineering, construction and mining applications, has announced the availability of several new instruments.

The complete line of products for milling, grinding, and particle size analysis as manufactured by Fritsch GMBH of West Germany are available through Gilson. Fritsch Laboratory Grinding Mills serve a wide variety of applications in such fields as chemistry, geology, mineralogy, metallurgy, ceramics, pigments, biology and others. These mills are also useful for nuclear, pharmaceutical and construction materials research. Several models of centrifugal, planetary and micro-planetary ball mills are available to rapidly grind to analytical fineness of one micron and below. They may be used for dry or wet grinding of soft to hard materials or for the mixing/homogenizing/emulsifying of suspensions and pastes.

The Fritsch P-2 Mortar Grinder automates and standardizes mortar and pestle grinding to analytical fineness. It eliminates operator variations by fixing speed, pressure, position of pestle, and grinding time to give reliable, reproducible results.

For laboratory crushing of rock, ores, and other hard materials, Gilson has cone crushers, jaw crushers, disc pulverizers, cutting mills and roll crushers in a range of capacities as manufactured by Fritsch, Braun, Morse, Mine and Smelter, and others.

For grinding or milling to analytical fineness, Gilson offers mortar grinders, centrifugal mills, planetary mills, and vibrating cup mills from Fritsch with grinding sets in a variety of materials. Jar mills are available also.

Whatever the material, Gilson has solutions for crushing, cutting, pulverizing. All are described in Catalog 89-1, available free on request.

Gilson also has available the new Fritsch Particle Size Analyzer which provides fast automatic laboratory particle size analysis of suspensions or dry powders from 0.16 to 1100 microns with a single measuring instrument. The Fritsch A-22 Analyzer measures particle sizes directly and utilizes a multi-element detector to record angle distribution of diffracted, low-power laser light. Results are displayed on a monitor as frequency distribution, a cumulative distribution curve, or 31-channel tabular data. The new unit can be used for liquid suspensions, dry powders, or both. It requires only two minutes per measurement, making it suitable for monitoring product quality as well as research.

A variety of spinning riffles for sampling aggregates or powders is also available.

For more information, contact:

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Instrumentation From Charles Supper Company

A new brochure featuring a broad line of instrumentation for X-ray diffraction, neutron spectrometry, synchrotron radiation experiments, ultra high vacuum, and optics applications is being offered by Charles Supper Company. The Grenoble Modular Instruments Brochure features a broad line of modular spectrometers, X-ray scattering instruments, Weissenberg cameras, neutron diffractometers and spectrometers, optical components, collimators, monochromators, and rotational and translational stages. Complete with full color product photographs and diagrams, the 6-page brochure includes generic information describing their modular concept which allows instrument designers to select and assemble the components and connecting or adjusting devices to suit their requirements.

Charles Supper Company, Inc. is the exclusive North American distributor of these instruments. For a free copy of the Grenoble Modular Instruments Brochure or for more information, contact:

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Siemens Energy & Automation Acquires Full Ownership of Siemens Analytical X-Ray Instruments, Inc.

Siemens Energy & Automation has announced, as of January 19, 1990, that it has bought the remaining 49 percent of Siemens Analytical X-Ray Instruments, Inc. from Nicolet Instrument Corporation of Madison, Wisconsin.

Siemens Analytical X-Ray Instruments was formed in July 1988 as a joint venture with Siemens Energy & Automation owning 51 percent and Nicolet controlling the remaining 49 percent. This purchase now makes Siemens Energy & Automation the sole owner of the company.

Headquartered in Madison, Wisconsin, Siemens Analytical X-Ray Instruments produces instruments for X-Ray powder diffraction and spectroscopy, single-crystal structure solution, and two-dimensional X-Ray imaging.

Siemens Energy & Automation, which is headquartered in Atlanta, Georgia, is a manufacturer of electrical and electronic equipment and systems for electric utilities, commercial and residential construction, and general industry. A member of the Siemens Group, the company's products are marketed worldwide.

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