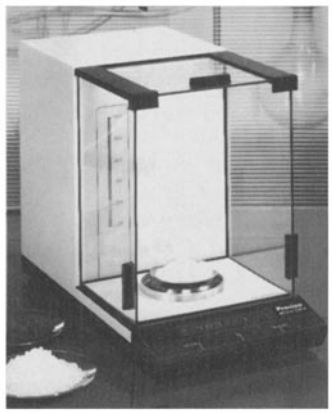
NEW PRODUCTS



SERIES 290 BALANCES

Series 290 programmable analytical and semimicro balances from Precisa Balance Division of Johnson Scale Co. feature menu prompting, a memory that recalls the configuration requirements of different users and automatic calibration. The draft guard has three sliding doors. Six models are available, with a maximum weighing capacity of 300 g. Contact: Precisa Balance Division, Johnson Scale Co., PO Box 1329, West Caldwell, NJ 07006.

METTLER BALANCES

Mettler AT balances feature wind shields that move back and forth automatically. The functionally divided panes can be displaced, without interfering brackets, manually or by keystroke. Sensor and microprocessor circuits provide automatic balance calibration. The balances include a CL line-current interface and an RS232C voltage interface. There are three models, with weighing ranges of 0-100 g (Model AT100), 0-250 g (Model AT200) and 0-52 g and 0-205 (Model AT250). Contact: Mettler Instrumente AG, CH-8606 Greifensee, Switzerland.

LIQUID VIEWER

The Model LV28 liquid viewer from P.W. Allen & Co. uses polarized light to make solid particles, however small, in liquids appear as bright specks against a dark background. The instrument is made from metal with a blue and white stove-enamel finish. The rear polarizer is illuminated by fluorescent tubes. Contact: P.W. Allen & Co., 25 Swan Ln., Evesham, Worcestershire WR11 4 PE, England.

SEPARATION PROCESS

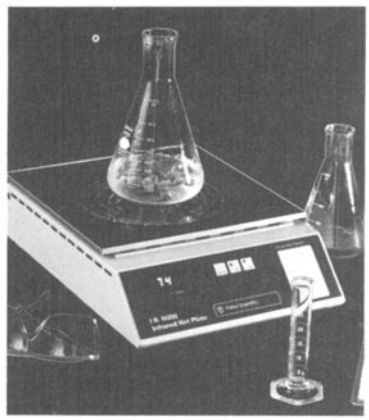
Supercritical processing, a separation process for the food and pharmaceutical industries, uses carbon dioxide above its critical temperature and pressure to recover valuable products or remove unwanted components from either solid or liquid feeds. Supercritical Processing Inc. has been formed to develop and commercialize the technology of supercritical extraction. Contact: Supercritical Processing Inc., 966 Postal Rd., Allentown, PA 18103.

STIRRED REACTOR

QuickerClave reactors are designed for applications such as catalyst studies, hydrogenations, oxygenations or polymerizations in which a series of studies must be performed. Process connections are in the cover, which is mounted on the stand. Reactor bodies of different volumes are interchangeable. Models available are 500 ml, 1000 ml, 2000 ml and 3000 ml, and all are designed for pressures to 3000 psi and temperatures to 650°F. Contact: Pressure Products Industries Inc., 900 Louis Dr., Warminster, PA 18974.

LABEL SYSTEM

Federal Label Systems Inc. has developed a weather and chemical-proof label designed to satisfy regulatory requirements concerning consumer and industrial chemical products. The product is V-600, a pressure-sensitive vinyl material with a coating allowing inks to dry extremely hard, an ultra-strong adhesive and film lamination to add protection to the label surface. Contact: Federal Label Systems Inc., 7900 Barnwell St., Elmhurst, NY 11373.



LABORATORY HOTPLATE

Fisher Scientific's Model IR-6000 uses light to attain temperatures to 615°C and boiling times of under 12 minutes to boil 1000 ml of water in a 1.5-liter Erlenmeyer flask. This hotplate uses electromagnetic radiation in the infrared range of the spectrum. Heat is continuously adjustable via power settings of 1-99%. The hotplate uses 1600 watts, 115V, 50/60 Hz. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.

VISCOMETERS

The Covimat 101/105 family of process viscometers introduced by Contraves Industrial Products Division includes four continuous in-line viscometers and one batch-type system. The instruments, which use concentric cylinder-measuring systems to determine the dynamic viscosity of a variety of process fluids, are designed for viscosity control in reaction processes, blending and coating applications and quality monitoring. Measurements are possible at pressures up to 4,000 psi, temperatures to 350°C and viscosities to 10,000,000 cp. Contact: Contraves Industrial Products Division, 11258 Cornell Park Dr., No. 612, Cincinnati, OH 45242-9006.