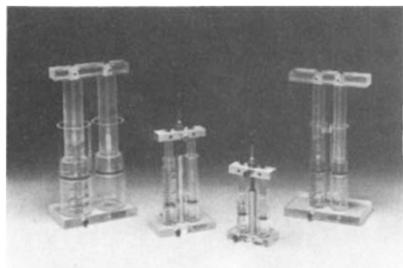


CENTRIFUGES AND ACCESSORIES



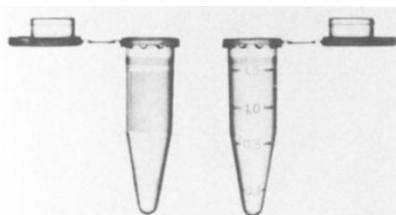
The 422 Series microprocessor-controlled **benchtop centrifuge** from Jouan (Winchester, VA) stores up to 10 programs. It is offered in two versions: the CR422 (refrigerated) and the CT422 (thermostatted, with a combined heating/cooling system for temperature control over a 0–60° C. range). Both accommodate tubes from 1.5–500 ml, with special adaptors for 250-ml conical bottles.

Write in 801 on Reader Service Card



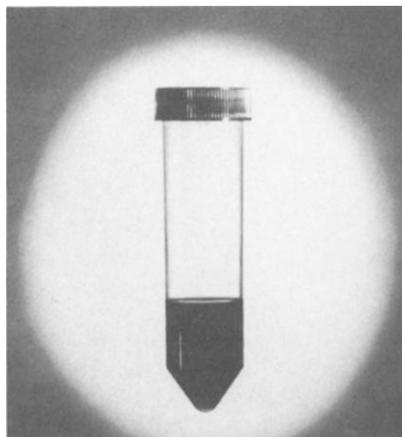
Jule (New Haven, CT) dual-piston **gradient formers** for sucrose density gradient centrifugation assure linear, reproducible results. They can be used to pour gradients either automatically, with a peristaltic pump, or manually. This product allows gradients (including exponential gradients) to be rapidly mixed and dispensed to each chamber at an equal rate, producing linear gradients regardless of differences in fluid viscosity and density. The acrylic tool is available in 5-, 17-, 50-, and 200-ml sizes.

Write in 802 on Reader Service Card



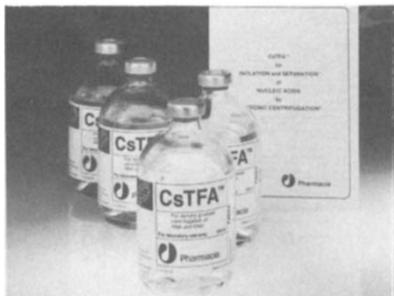
Tekmar's (Cincinnati, OH) autoclavable 1.5-ml **microcentrifuge tubes** are fitted with an easy-to-open cap that seals securely during storage and centrifugation. The graduated tubes withstand up to 38,000 × g and temperatures from –190 to 120° C.

Write in 811 on Reader Service Card



Clear, durable **centrifuge tubes** from Elkay (Basingstoke, U.K.) are now supplied in 50-ml volumes. Made of Super-Vu polypropylene, the tubes tolerate high centrifuge speeds, resist chemical attack, and give good sample visibility. One-piece construction and a threaded plug cap help prevent leaks; graduations marked on the outside of the tube show the sample volume.

Write in 804 on Reader Service Card



Pharmacia LKB's (Piscataway, NJ) CsTFA™ **nucleic acid centrifugation medium** aids isolation of both single- and double-stranded RNA and DNA from cells, viruses, and organelles. A standardized solution of cesium trifluoroacetate, CsTFA solubilizes and dissociates proteins from nucleic acids without detergents, reducing digestion time and need for phenol extraction.

Write in 808 on Reader Service Card

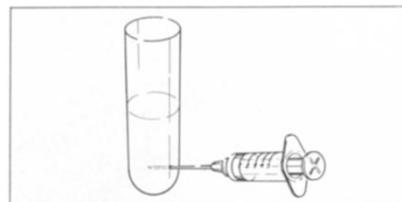
New Brunswick Scientific (Watford, U.K.) announces two new **bench-top units**. The model 101 is a general-purpose centrifuge featuring a 0–60-minute timer with hold capability, variable speeds up to 5,000 rpm, and a choice of fixed-angle and swing-out rotors. The model 101HS is geared to molecular biology tasks, with a fixed speed of 14,000 rpm, an electronic timer, and interchangeable rotors.

Write in 814 on Reader Service Card



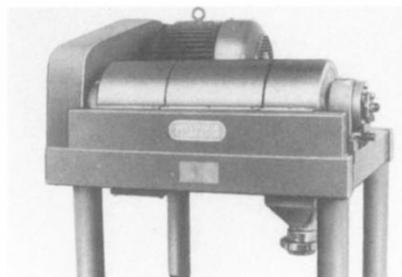
MSE (Crawley, U.K.) has added a 30-minute **centrifuge timer** to its Microcentaur compact unit. This microcentrifuge, supplied with adaptors for 0.4-, 0.75-, and 1.5-ml tubes, reaches speeds up to 13,000 rpm, with a maximum RCF of 400 × g.

Write in 805 on Reader Service Card



Seton Scientific (Sunnyvale, CA) introduces UltraThin™ **ultracentrifuge tubes** for swinging bucket rotors. The transparent, durable Polyclear tubes withstand temperatures from 0–20° C. at maximum ultracentrifuge rotor speeds and gradient densities, yet are easily punctured and sliced following centrifugation. Also available with wetttable UltraCote walls, the thin tubes provide greater tube/rotor volumes than do conventional thin-wall tubes.

Write in 803 on Reader Service Card



Westfalia Separator (Oelde, F.R.G.) has developed the type CA 150 **de-canter** for continuous processing of small product streams and for developing scale-up data. It processes suspensions having up to 60 percent solids content, and offers optimum clarification of liquids, concentration and drying of solids, and classification of solids by particle size and density.

Write in 815 on Reader Service Card