

RESOURCES

CENTRIFUGATION

**High-performance centrifuge**

Beckman Instruments' (Fullerton, CA) Avanti J-30I High-Performance Centrifuge is a high-torque, refrigerated floor model that delivers up to 110,500 x G at 30,000 rpm and volumes up to 3 liters, and is ideal for general laboratory use as well as industrial processing. Features include automatic rotor identification and sample-imbalance tolerance to 5%.

RSN: 942

Tel: +1 800 742 2345

Fax: +1 800 773 7743

Superspeed centrifuge

Du Pont Ltd's (Stevenage, UK) Sorvall RC-26 Plus centrifuge has a top speed of 26,000 rpm and a choice of over 30 different rotors, including fixed angle, swinging bucket, tissue culture, and microtube rotor types. Rotors are also available from the Super-Lite rotor series, which is 40% lighter than traditional models, giving faster acceleration and deceleration and reduced wear on the drive system.

RSN: 943

Tel: +44 1438 734 716

Fax: +44 1438 734 376

**30-place microcentrifuge**

The refrigerated 5417 R centrifuge from Eppendorf (Hamburg, Germany) has a

30x1.5/2.0 ml tube rotor (also available as an aerosol-tight version), a maximum speed of 14,000 rpm reached within 10 seconds, and a soft-run program with gentle acceleration and deceleration. Other features include automatic rotor recognition and imbalance switch-off. Total temperature range is -9°C to 40°C.

RSN: 944

Tel: + 49 40 538 01239

Fax: +49 40 538 01556

**Carbon-fiber centrifuge rotor**

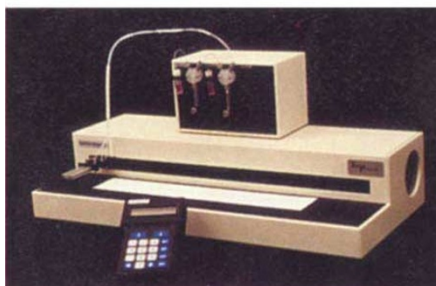
Composite Rotor's (Mountain View, CA) KOMPspin7 KA-9.1000 centrifuge rotor is manufactured from composite carbon-fiber material instead of metal. It is the largest volume rotor of its kind, yet weighs only 18 lbs, approximately 35% lighter than the largest available metal rotor, and will pellet approximately 60% more particulate material from cell cultures. It is autoclavable and will not corrode when laboratory solutions are used in it.

RSN: 945

Tel: +1 800 745 8669

Fax: +1 800 745 2314

DIAGNOSTICS

**Linear reagent dispenser**

Imagene Technology's (Hanover, NH) IsoFlow Linear Reagent Dispenser precisely dispenses liquid reagents onto solid media/membranes for the production of diagnostic strip tests using digitally controlled positive displacement pumps in combination with precision nozzles to create uniform reagent streams. IsoFlow can accommodate up to 16 independently controlled pumps. Membranes can be up to 525 mm long and 120 mm wide.

RSN: 946

Tel: +1 603 298 5632

Fax: +1 603 298 8513

In situ hybridization

The Rembrandt series of DNA in situ hybridization and detection kits from KREATECH Diagnostics (Amsterdam, the Netherlands) include DNA probe kits for detection of panHPV (screening), HPV (typing), CMV, HSV1/2, and EBV tests with a choice of horseradish peroxidase or alkaline phosphatase detection systems and labels (biotin or digoxigenin). Parts and components of the kit are also available for purchase separately.

RSN: 947

Tel: + 31 20 691 9181

Fax: +31 20 696 3531

**Biocides**

Five highly pure biocides from Boehringer Mannheim (Indianapolis, IN) offer a choice to diagnostic reagent manufacturers concerned with environmental and safety issues. Available in kilogram quantities, BM Biocides effectively inhibit a broad spectrum of bacteria, yeast, and fungi with very high specificity, are mercury-free, noncarcinogenic, nonmutagenic (Ames-test negative), and are considerably less toxic than sodium azide at working concentrations. Each biocide exhibits little or no risk of assay interference, features a low minimal concentration of inhibition, and does not discolor reagents. Water soluble at effective concentrations, these biocide preparations are highly stable, long lasting, and are ideal for liquid reagents.

RSN: 948

Tel: +1 800 428 5433

Fax: +1 317 576 7317

Electrolyte analyzer

EasyLyte electrolyte analyzers from YSI (Farnborough, UK) offer user-friendly menus, yes/no button operation and automatic calibration. The EasyLyte Calcium analyzes sodium, potassium, calcium and pH of blood, serum, and plasma samples, while the EasyLyte Lithium analyzes sodium, potassium, and lithium. They are available in 400 ml and 800 ml reagent packs with a waste reservoir plug-in unit that allows 1200 samples to be processed without changing reagents.

RSN: 949

Tel: + 44 1252 514 711

Fax: +44 1252 511 855