

## /ELECTROPHORESIS

### dsDNA analysis

Beckman's (High Wycombe, U.K.) eCAP dsDNA 1000 Kit, for use with the P/ACE capillary electrophoresis system, simplifies the analysis of double-stranded DNA. A standard restriction fragment analysis takes only 12 minutes and eliminates slab-gels. PCR products can be analyzed directly after amplification.

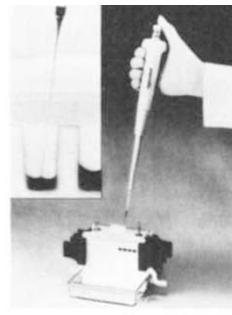
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### Pipette tip

Brinkmann Instruments (Westbury, NY) offers Eppendorf's polypropylene Geloader Tip that improves the control of electrophoresis sample loading. Ideal for 0.4 mm gels, the tip has a 15-mm extended portion with an O.D. of less than 0.35 mm for direct sample placement within gel walls.

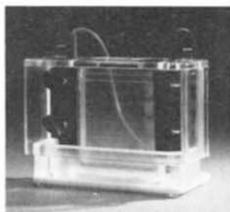
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### Vertical system

Owl Scientific (Woburn, MA) introduces the Puffin single-sided mini-vertical electrophoresis system. It includes an upper buffer chamber that extends the length of the gels providing even heat distribution by bringing the buffer into contact with the gel. The system is ideal for SDS-PAGE, quick screening, gradient and agarose gels, and SSCP detection.

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### Luminescent detection

RAD-FREE chemiluminescent substrate sheets from Schleicher & Schuell (Dassel, Germany) allow high-sensitivity detection of nucleic acids or proteins immobilized on a transfer membrane. The pretreated substrate sheets continuously supply the Lumi-Phos 530 chemiluminescent substrate for alkaline phosphatase by acting as a substrate reservoir underneath the membrane.

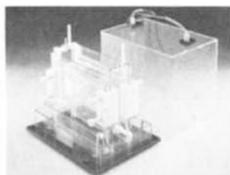
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### Electrophoresis tanks

Bio/Gene (Bolnhurst, U.K.) introduces the Bio/Phoresis series of 12 electrophoresis tanks for nucleic acid, DNA, and protein analysis. The tanks come with platinum electrodes, covers, built-in leveling feet, spirit level, and accessories for casting and running gels.

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### Microplate washer

Jencons Scientific (Bridgeville, PA) introduces the SmartWASH dual purpose microplate washer for ELISA and cell washing. The system software allows for selectable row or column washing, dispense volume, wash frequency, and soak time. Wash cycles typically run 50 seconds.

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### Gel documentation

Ultra Violet Products (Cambridge, U.K.) introduces a network version of its image capturing device, ImageStore, part of the GDS7500 system. Macintosh and PC-compatible, ImageStore allows images to be sent to a workstation within the network for analysis, freeing the imaging equipment to photograph other gels.

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### Gel analysis system

Ultra-Lum (Carson, CA) offers the KS-3000 gel analysis, documentation, and photography system. The system provides 1D, 2D, comparison, and DNA analysis. It consists of a high-resolution CCD camera, 600-nm filter, thermal printer, frame grabber, color monitor, and a PC with a hard disk and 3.5 inch floppy drive.

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