

LIQUID HANDLING

Liquid dispensing

Watson-Marlow (Wilmington, MA) introduces the 505XY robot liquid dispensing system designed to automate a wide range of routine and precision filling applications. The robot can be programmed to memorize up to 99 fill patterns in various container configurations. The system can be used with many types of containers to a maximum height of 200 mm and minimum neck size of 6.5 mm.

Write in 970 on Reader Service Card.



Fluid extraction

The Spe-ed SFE supercritical fluid extraction system from Applied Separations (Allentown, PA) can be used in applications for food, pharmaceutical, biotechnology, and environmental testing. It has been used to investigate various methods of adding modifiers to supercritical carbon dioxide to improve the recoveries of some polar analytes. It can deliver 10,000 psi pressure and temperature up to 250° C.

Write in 971 on Reader Service Card.



Programmable pipette

The new Independent pipette from Integra Biosciences (Wallisellen, Switzerland) can be programmed from the handle. The integrated display indicates the individual steps being performed. It is available in 8- and 12-channel models for different volume ranges.

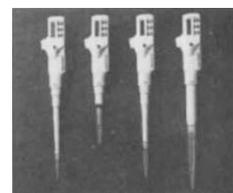
Write in 974 on Reader Service Card.



Pipette

Merck Ltd. (Poole, U.K.) has launched Eppendorf's new pipette, the Reference, designed especially for diagnostics, research, and industry. Seven adjustable pipettes cover the range of volume from 0.5-2500 µl, and 16 fixed volume models are also available.

Write in 975 on Reader Service Card.



Stroke rate controller

Fluid Meterings (Oyster Bay, NY) new V200 stroke rate controller is for use with variable speed metering pumps. It features stroke rate control selectable manually in 0.1% increments through an on-board digital potentiometer or electronically via a 4-20 mA input connection. Adjustment of stroke rates range from 90-1800 spm.

Write in 972 on Reader Service Card.



Pipette controller

The Max rechargeable, portable pipette controller with built-in memory function from Camlab Ltd. (Cambridge, U.K.) offers faster and accurate dispensing. Max will aspirate and stop at the desired volume automatically or function as a step pipettor. Max incorporates a three-position switch to determine function, with trigger-style buttons to activate the unit. It will accept pipettes up to 100 ml.

Write in 976 on Reader Service Card.



Level transmitters

Omega's (Stamford, CT) LVU-1000 series ultrasonic continuous level transmitters are ideal for noncontact liquid level measurement of difficult fluids. It features a continuous 4-20 mA output and a digital display as well as programmable 10 amp SPDT relays. It is available with a 3/4-inch diameter sensors.

Write in 973 on Reader Service Card.



Ergonomic pipettor

The Transferpette-8/-12 from Brand GmbH (Wertheim, Germany) is designed for optimal ergonomics. Pipetting with the Transferpette can require nearly 75% less effort compared to other styles of pipettors. For both 8- and 12-channel models the volume ranges are 0.5-10 µl, 2-20 µl, 30-300 µl.

Write in 977 on Reader Service Card.

