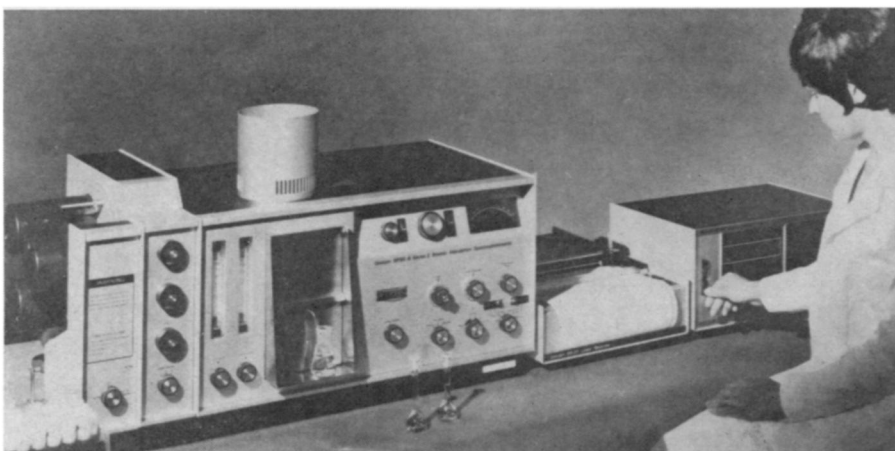


new products

Spectrophotometer



An improved Atomic Absorption/Emission Spectrophotometer, now available from Philips Electronic Instruments Division of PEPI Inc., will permit the rapid determination of more than 60 elements. Featuring linear absorbance and energy readout, the Unicam SP90 Series 2 assures sample identification without the danger of operator misinterpretation. Also, through use of a variable-scale expansion control, sample concentrations may be read out either directly from the integral meter or on a slave recorder or printer. The instrument design gives the operator full control over such parameters as the burner head and height or scale expansion.

The readily accessible burner compartment contains flames, produced by interchangeable burner heads, covering a broad temperature range. During operation, however, the burner is enclosed to prevent ultraviolet glare or flame from harming the operator. Hollow cathode lamps and a monochromator, covering the wavelengths from 190 to 850 nanometers, provide high resolution. With expansion, the system can analyze blood, alloys, oils and rocks.

*Philips Electronic Instruments
750 S. Fulton Ave.
Mount Vernon, N.Y. 10550*

Circle No. 109 on Reader Service Card

Flow transducer

A very low-flow transducer, capable of metering light fluids down to rates of 0.005 gallon a minute, employs a turbine design. A bladed rotor turns in proportion to the flow of the metered fluid, gas or liquid. Manufactured by Brooks Instrument Division, Emerson

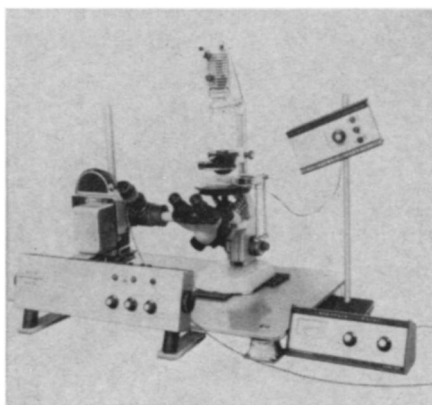
Electric Co., the Model Elf Extremely Low Flow Transducer also uses an electrical pick-off coil to generate low level output proportional to the flow-rate.

Operable in the standard range of 10 to 1, the transducer will function reliably in temperatures from 100 to 500 degrees F. and to a pressure of 5,000 pounds per square inch at 100 degrees F. Mechanical components are of stainless steel and the rotor is of low mass nickel to minimize friction and wear.

*Brooks Instrument Div.
Emerson Electric Co.
Hatfield, Pa. 19440*

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Laboratory camera



Time-lapse and normal-speed motion pictures can be obtained through either upright or inverted microscopes with the new Sage Instruments, Inc., Model 503. The cinemicrographic apparatus is especially suited for studies of living cells, crystals, corrosive action, or other long-term laboratory in-

vestigations involving change of state. The system includes a Bolex H-16 M5 camera, antivibration mount, and all necessary exposure and framing-rate setting controls. Accessories include the Model 279 Air Curtain Incubator (for biological studies) and the Model 293 Cine Exposure Meter for rapid, accurate, color or black and white exposure data.

Sage Instruments, Inc.

230 Ferris Ave.

White Plains, N.Y. 10603

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Audio-visual aids

A series of low-cost audio-visual systems has been announced by the Beacon Camera Division of Whitehouse Products, Inc. Starting with the FS-100, a manually operated filmstrip unit for schools priced at \$29.95, the instruments extend in cost and sophistication upward to the FS-250, a business-industrial unit featuring fully automatic, sound-synchronized operation. Small and lightweight, the units are modularly assembled from four different filmstrip and three audio cassette designs.

Beacon Camera Div.

Whitehouse Products, Inc.

360 Furman Ct.

Brooklyn, N.Y. 11201

Circle No. 121 on Reader Service Card

NEW PRODUCTS

pH/Voltmeter

A classroom digital meter that measures both acidity (pH) and voltage indicating ion concentration in liquids has been developed by the Heath Co. The instrument, model EU-302A, is moderately priced and accurate, and accepts standard electrodes for general-purpose pH measurement or specific ion electrodes. Output jacks on the rear panel of the meter permit connection to nearly all potentiometric 100-millivolt, full-scale recorders.

To assure accurate pH and voltage measurements, control is provided for temperature compensation from 0 to 100 degrees C.

The Heath Co.

Benton Harbor, Mich. 49022

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Products are selected and listed as an editorial service geared to reader interest. The claims are the manufacturers', and further information on Products of the Week, can be secured from them, or by circling the number on the Reader Service Card.