

NEW PRODUCTS AND EQUIPMENT

Automatic Titrimeter

Fisher Scientific claims that its automatic titrimeter permits titration data to be obtained in half the time required for the average hand titration.

The automatic titrimeter operates with the same sensitivity as the manual titrimeter: a change at the endpoint of only 20 millivolts completely opens or shuts the electronic indicator eye. This is equivalent to a fraction of a drop of 0.001*N* sodium hydroxide solution. Fisher engineers say that the instrument stands out from ordinary automatic titration devices previously available because of its versatility. The instrument changes over easily and with accuracy in micro and Karl Fischer moisture determinations. Instead of two instruments as formerly required for automatic titrations and automatic moisture determinations, all that is needed now is an automatic titrimeter and an accessory kit.

The instrument operates from a 115 volt 60 cycle line. **PE1**

Weed Killer for Johnson Grass

HCA weed killer, a formulation of hexachloroacetone, has been developed by the General Chemical Division of Allied Chemical & Dye as a practical control measure for Johnson grass. Johnson grass is one of the most widespread and

stubborn weed pests in the cotton belt.

General Chemical says that recent tests with HCA proved so successful on Johnson grass and other hard to kill weeds that the herbicide is now being made available to qualified growers for large scale tests. Based on the results from these tests General Chemical plans large scale commercial production of the weed killer for next year. **PE2**

Large Capacity Balance

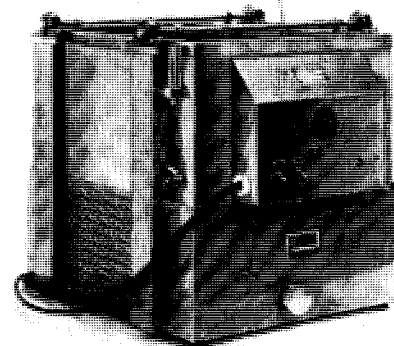
The return of large capacity laboratory and analytical balances has been announced by Torsion Balance Co. Discontinued several years ago, the balances are being manufactured again to satisfy the demand for a high quality instrument to weigh heavy objects accurately. Two models will be available; one with a capacity of 15 kg. and a sensitivity of 33 mg. the other with a capacity of 30 kg. and sensitivity 66 mg. **PE3**

Power Supply for Paper Electrophoresis

An inexpensive power source designed for use in conducting electrophoretic separations by the paper method is available from Biotron. Exceptionally compact, measuring only 5 × 10 × 3 inches, the device has a maximum current rating of 50 milliamperes, sufficient to

process several paper strips simultaneously. A panel meter is provided to indicate output current, voltage is adjustable between 50 and 300 volts by means of a calibrated control. **PE5**

Reciprocating Water Bath Shaker



Reciprocating water bath shaker, compact enough for limited work table space, available from New Brunswick Scientific Co. The unit with a capacity equal to that of many larger models is constructed of heavy duty steel, especially designed for continuous operation. The shaker platform suspended within the stainless steel bath, can be equipped with holding devices for many types of shaking devices. Other desirable features are the variable speed range of 75 to 200 strokes per minute and an adjustable stroke from 0.5 to 1.5 inches **PE6**

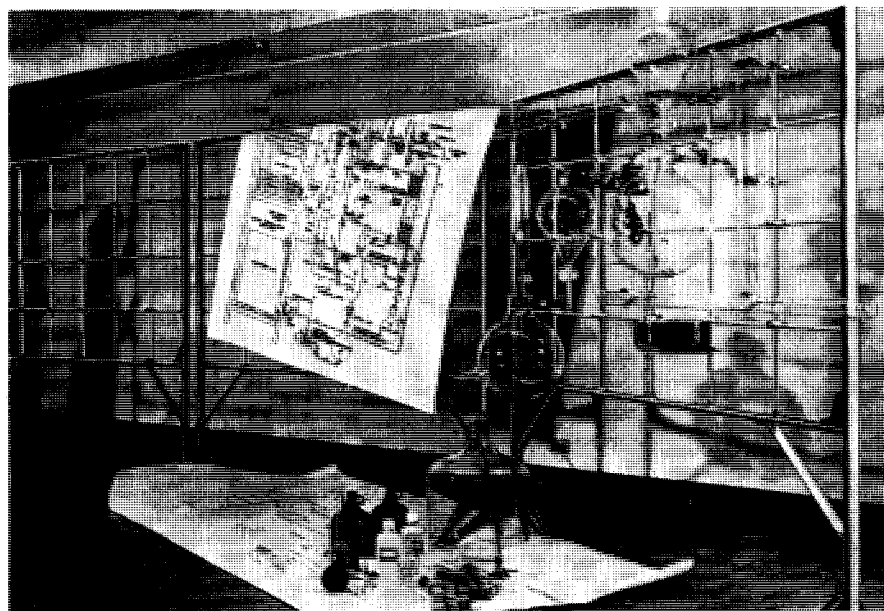
Heavy Water for Research

Heavy water containing 9.5-10.5% O¹⁸ is being produced by the Dajac Laboratories. This is claimed to be the most concentrated form of O¹⁸ water thus far made available for research purposes. Each lot of the water is accompanied by a certificate of analysis showing the mass spectrometer determination of the O¹⁷ and O¹⁸ content.

Dajac also offers a custom preparation of O¹⁸ labeled compounds such as alcohols, ketones, and organic acids, as well as inorganic reagents such as sulfuric and nitric acids and various alkalis and oxides. Approximately 1 kg. of O¹⁸ isotope is scheduled for production this year, and in special cases it will be possible to offer the heavy water in a range of concentrations from 3-30% O¹⁸. **PE7**

Super Flexaframe Provides Flexible Wall of "Clamp Space"

Floor model of the familiar Fisher Flexaframe, called the Super Flexaframe provides a total of 24 sq. ft. of adjustable and interchangeable support space in a 6-ft. by 4-ft. frame that stands on two broad cast iron bases **PE4**



➡ See coupon, page 956, for further information ➡