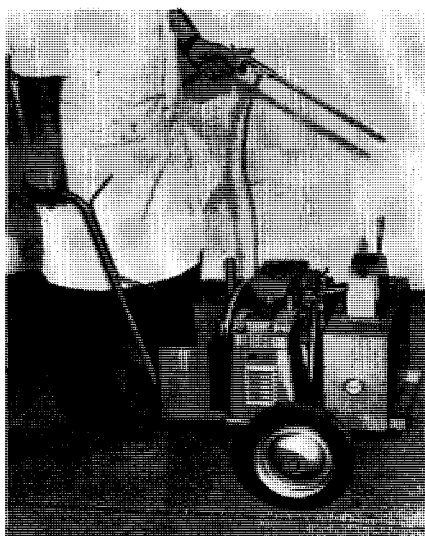


NEW PRODUCTS AND EQUIPMENT

Portable Insecticide Fog, Spray Unit



Super Mistorizer designed by West Disinfecting Co. The unit consists of three components: 1.5 horsepower compressor unit, 3-gallon insecticide tank, and a pressure feed type hand spray gun. An automatic 1 hour timer permits unattended spraying operations. The manufacturers claim the unit will effectively fog 200,000 to 400,000 cubic feet following one filling of the insecticide tank **PE1**

Spectrophotometer Recorder

Fisher Scientific claims that its Warren Spectracord is the fastest recording spectrophotometer yet developed. Essentially the instrument is a modification of the familiar Beckman DU spectrophotometer with the following additional features: In addition to the absorption spectra the instrument records the visible and ultraviolet emission spectrum. The recording curve can be expanded horizontally, spreading out the sharp peaks and revealing sharp detail.

Fisher says that the spectracord converts the DU into a double beam instrument which automatically compensates for fluctuations in the light source or power supply.

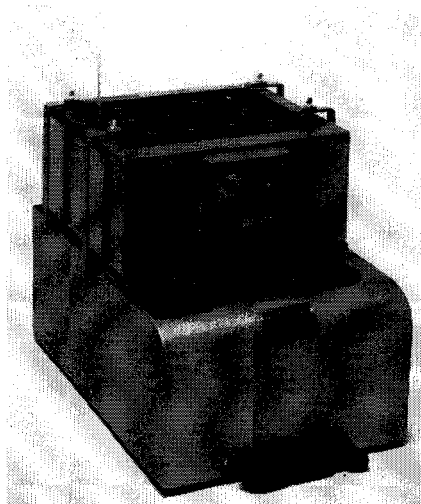
The instrument is line operated using 110-volt a.c. Photometering accuracy of 0.5%, and a precision of better than 0.2% are claimed. **PE2**

Pulverizing Machine

An improvement in the design of its Jet pulverizing machines has been announced by Majac, Inc. The new design incorporates a "rock stripper" phase

which removes foreign particles of great specific gravity immediately after material to be pulverized is introduced into the machine. The manufacturer claims the entire pulverizing process is accelerated by elimination of this foreign material. The Jet pulverizing system is supposed to provide an efficient, fast pulverizing action with a minimum of moving parts. The equipment is suitable for reduction of a wide range of chemicals and minerals including limestone, clays, Vermiculite, insecticides, and fungicides. **PE3**

Constant Temperature Water Bath Shaker



Water bath shaker incorporates platform equipped with Erlenmeyer flask clamps, suspended in a constant temperature water bath. Temperature control of the bath ranges from room temperature to 60° C. ± 0.5°. The shaker has a variable speed range of approximately 85 to 285 oscillations per minute with an eccentric rotary motion. The machine, constructed entirely of stainless steel, is available from New Brunswick Scientific Co. **PE4**

Unitized Laboratory Incubator

A unitized incubator from Fisher Scientific is designed to fit neatly into any line up of unitized laboratory furniture. The incubator holds 50 standard bottles for measurement of biochemical oxygen demand, maintains temperatures from 5° to 50° C. ± 1°.

Although designed expressly for determinations as specified by the American Public Health Association, Fisher says the unit is useful in a variety of biological, bacteriological and biochemical tasks.

The unit is finished inside and out in

white porcelain; takes up 24 by 24 inches of floor space; is just under 35 inches high. Regular bench tops can be fitted over it to give unbroken table space. **PE5**

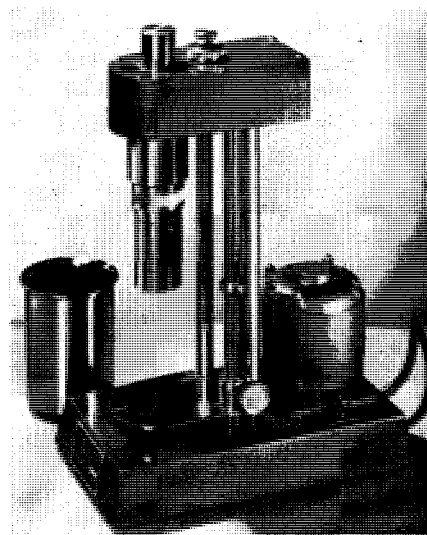
Cyanide Complex Systemic Available for Experimental Use

A new systemic insecticide containing inorganic metallic complexes as the active ingredients has been developed by Ferttox Associates of Mobile, Alabama. Reports of preliminary field tests state that the new product, called Ferttox, applied to the soil, renders the sap of the plants insecticidal to such insects as the cotton boll weevil, thrips, aphids, red spider, leafhopper, cut worm, and plant lice.

The product, which is being produced in pilot plant quantities by Jerry Lee Chemical Co., Pensacola, Florida, has been granted registration for experimental and research use on nonedibles. **PE6**

Laboratory Viscometer

Viscometer available from the Geophysical Machine Works was designed to fill a long felt need for an inexpensive instrument of this type. The viscometer is claimed to have many properties which make it ideal for rapid determinations of plastic viscosity, gel strength, and thixotropic studies. Readings are taken from an engraved dial and read in absolute units. A variety of spindle speeds can be obtained through a precision gear train driven by an alternating current synchronous motor **PE7**



➡ See coupon, page 653, for further information ➡