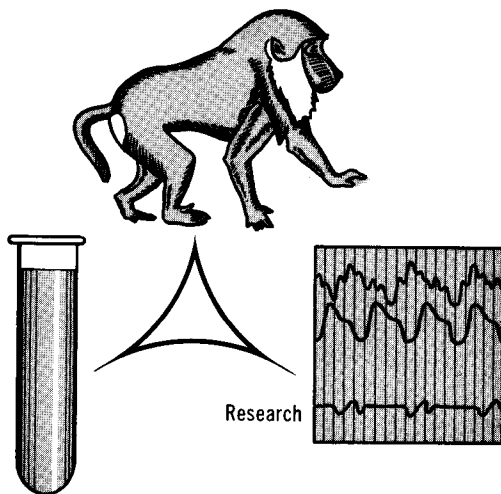


# Research



In a recent communication from Bio-Medical Electronics (653 Lofstrand Lane, Rockville, Maryland 20850), they are introducing a Peak Reading Voltmeter, Model PV 122. This instrument was designed to satisfy a broad range of instrument requirements and provides three modes of operation: Minimum, maximum, and track. The track mode permits continuous tracking of the input signal; the other modes permit automatic readout and display maximum or minimum value. The PV 122 employs digital techniques and does not depend upon storage capacitors as memory elements. The value is determined and stored digitally and can therefore be stored indefinitely without any deterioration. Any shape waveform can be tracked up or down at rates of up to 100 volts per millisecond. RS-2

Two new predictability flowmeter kits have just been introduced by the Manostat Corporation, 20 North Moore Street, New York, N. Y. 10013. The Tri-Flow Predictability Flowmeter Kit offers a variety of mounting possibilities and includes four of Manostat's flowmeters, ranging in capacities from 1.3 to 18,400 ml./min. air flow and from 0.0175 to 545 ml./min. water flow. Also included are a self-centering, non-rotating tube seat, a removable acrylic safety shield, an

integral needle valve which can be utilized at either the inlet or the outlet end, and four Tri-Flat (R) flowmeter tubes. The flowmeters provide accuracy within 2% along their full scale.

The second kit consists of Manostat's five standard Tri-Flat flowmeters with plain ends, covering a full range of flow requirements from 1.3 ml./min. to 68,200 ml./min. air flow. Each kit contains all necessary flow and calibration charts. RS-3

## Oxygenation . . .

profession satisfy their needs to keep them doing the work for which they have been trained?

Support for fifteen hours or more is possible with equipment presently in use. Greater usage of this technique by aggressive surgeons and cardiologists is already occurring. The equipment for longer support procedures will be presently available. We should be prepared to service such programs efficiently with high standards of patient care.

ture control from 0° to 37°C are among the most important features of the new unit, Mr. Gilbert pointed out.

Currently being used in leading medical research centers here and abroad, the AMBEC Extracorporeal Perfusion Unit provides the investigator with virtually unlimited growth in perfusion-related medical research.

### New Product

The new AMBEC Extracorporeal Perfusion Unit provide all the instrumentation and equipment needed for both *in vitro* and *in situ* perfusing of small organs and tissue samples, according to an announcement by Samuel H. Gilbert, Jr., president of Beck Industries, the manufacturer. RS-4



A completely self-contained instrument, the AMBEC Extracorporeal Perfusion Unit permits the investigator to preserve viability in the isolated tissue under study and to conduct one or more experiments simultaneously.

A completely new atraumatic blood pump, an extremely low hemolysis rate, physiologically inert surfaces in the blood system and precise tempera-

Greiner Scientific Corp., 22 N. Moore Street, New York City 10013, announces its new "Porton" Resuscitator. It is designed to operate on a simple bellows principle with a face mask, it is easy to operate, and weighs only two pounds. The unit is meant for general use in reducing the approximately 75,000 deaths each year caused by asphyxiation from such causes as poisonous industrial gases, electric shock, heart attack, and drowning. RS-5

