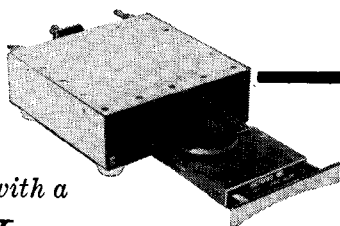
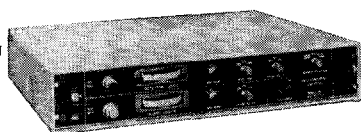


# EXPAND TO LOW LEVEL COUNTING



with a  
*Low  
Background  
Detector*

- choice of detector sizes (1¼" or 2½")
- replaceable thin window
- low background materials used in construction



and  
*Anticoincidence  
Converter*

- solid state electronics
- high voltage variable control
- detector and guard logics

*A New  
Anticoincidence  
System that:*

- operates in the geiger or proportional mode
- expands present equipment into a low level counting system
- reduces background counts to the lowest possible level

1¼" detector backgrounds:  
AC, Shielded; 0.35 cpm  
AC, Unshielded; 6 cpm

for specifications, write to:

**ISOTOPES, INC.**

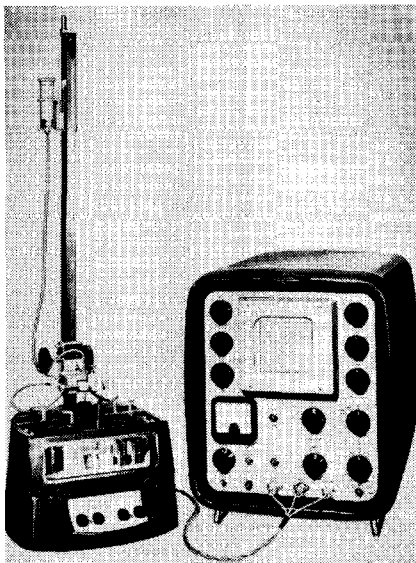
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## NEW PRODUCTS

### Laser Output Calorimeters

Series 362 calorimeters are high-precision laser output measurement devices. The calorimeters operate as follows: a copper cone collects the output energy of the laser; next, a copper thermocouple measures the total temperature increase of the cone, this increase being analogous to the laser output energy. Maser Optics, Inc., 89 Brighton Ave., Boston 34, Mass. **423**



The A1670 Davis-Southern high sensitivity cathode ray polarograph will determine reversible or irreversibly reduced ions down to  $5 \times 10^{-8}M$  with normal operation, or  $10^{-7}M$  when the high resolution derivative circuits are used. A particular advantage of the cathode ray polarograph is that when the "Forward" sweep direction (i.e. increase in voltage) is used, both irreversible and reversible reactions can be followed; the "Reverse" sweep facility (i.e. decrease in voltage), however, permits these two types of reaction to be clearly distinguished and the current peaks due to irreversible reactions may often be eliminated. Southern Analytical Limited, Frimley Road, Camberley, Surrey, England. **424**

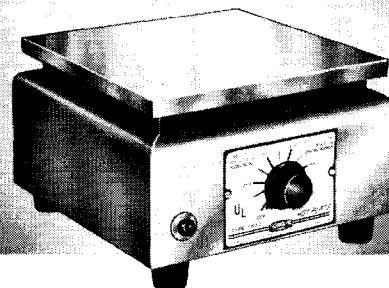
### Strip Chart Recorders

Electronic strip chart recorders provide as many as twelve separate records with high and low alarm or control contacts for each measurement. The new ER Series provides a chart  $7\frac{1}{8}$  inches wide for single or multiple temperatures, humidity, or millivolt measurements such as pH and oxidation-reduction potential. The Foxboro Co., Foxboro, Mass. **425**

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finest  
laboratory  
hot plate  
value

**NOW**  
greatly refined  
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### THERMOLYNE TYPE A1900

Now even finer hot plate performance . . . Fast heating . . . Wide temperature range. Close stepless thermostatic control from  $10^{\circ}F$  above room temperature to  $700^{\circ}F$  . . . Improved insulation, baffles, and control unit . . . Attractive, easy-to-read and set control dial.

Use this 6" square hot plate for a variety of routine and critical work . . . Stainless steel case is corrosion resistant and scientifically ventilated for cool, safe operation on table top or fixture.

115 v AC 700 w **\$22.75**

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