

# Fluorometric Analysis

For rapid precise analysis of compounds susceptible to fluorometric measurement . . . Vitamins, Quinine, Atabrine, Porphyrins, Steroids and metal complexes.

**Sensitive to low intensity fluorescence** and to low concentrations. AC operated, no-drift circuit. Only 3 simple controls; direct reading. . . **Only \$420.00.**

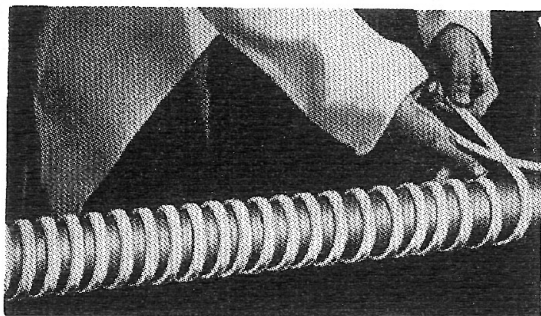
Ask for: "Coleman Tools for Science," contains useful discussions of nephelometry and other modern analytical technics.



## Coleman Photofluorometer

Dept. A. Coleman Instruments, Inc., Maywood, Ill.

For further information, circle number 84 A-1 on Readers' Service Card, page 77 A



- To Compensate for Heat Loss on Pipes and Tanks
- For Conveyor Heating
- For Immersion Heating
- For Frost Prevention

## Electrothermal PIPE HEATERS

"HEAT FOR SCIENCE AND INDUSTRY—where you want it . . . when you want it!"

Standard Scientific now introduces in the United States this new addition to the range of flexible heating devices developed by "Electrothermal."

Pipe Heaters are a heating network sealed into high-temperatures-resisting-grade P.V.C. The cable is completely waterproof and provides a simple, efficient means of

heating pipes in any position.

Pipe Heater tapes are 1/2-inch wide and will operate to a maximum temperature of 100°C when used in conjunction with a suitable controller, such as the "Powerstat." Tapes may be joined end-on to a maximum of 400 feet from one center feed point when connected in "T" form.

Catalog No.	Length, feet	Approx. watts	Volts	Each
A65105	12.5	87.5	115	\$14.20
A65105A	25	175	115	\$19.70
A65105B	50	350	115	\$29.90
A65105C	100	700	230	\$54.40



**STANDARD SCIENTIFIC**  
*Supply Corp.* 808 BROADWAY  
NEW YORK 3, N.Y.

LABORATORY  
APPARATUS  
REAGENTS  
AND  
CHEMICALS

For further information, circle number 84 A-2 on Readers' Service Card, page 77 A

## NEW PRODUCTS

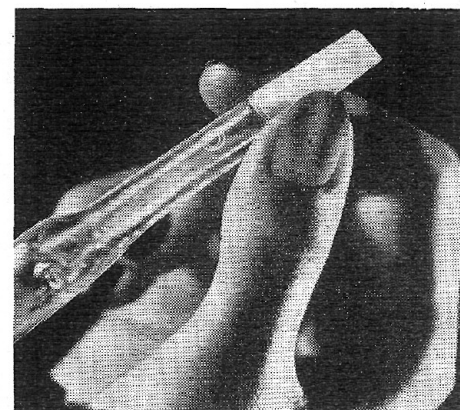
finishes on several components of the balance.

These balances, states Ohaus, are characterized by high capacity, fine sensitivity, and rugged construction. Models are available in metric and avoirdupois standards. **6**

### Jointed Glassware Development

The Arthur F. Smith Co. recently announced the availability of its Quorn standard taper sleeve. The sleeve is an elongated cone of polytetrafluorethylene film, .003 inch thick, which is tapered to fit tightly over male ground-glass cones.

Said to provide a vacuum-tight seal to a ground joint without grease, use of



Quorn standard taper sleeve (item 7)

the sleeve should preclude contamination due to stopcock lubricants and leaking ground joints. The sleeve is also claimed to be heat resistant from -75° C. to 300° C.

Available in sizes from 10/30 to 55/50 inclusive, the sleeve can be easily cleaned and used almost indefinitely, says the company. **7**

### Atom Models in Three Dimensions

The Chicago Apparatus Co. is now offering atom model sets designed to aid the scientist in studying space relationships in various molecules. Each set consists of plastic balls in various sizes and colors, representing different atoms, and long, short, and flexible pegs to serve as links between atoms.

According to the company, the sets are built to exact dimensions for proper valences and valence angles. Considered important in studying organic chemicals, crystals, and other complicated structures, the models are available in a student set consisting of 69 balls and 59 pegs, a lecture set of 170 balls and 155 pegs, and a crystal set of 150 balls and 225 pegs. **8**

For further information, see coupon on page 77 A