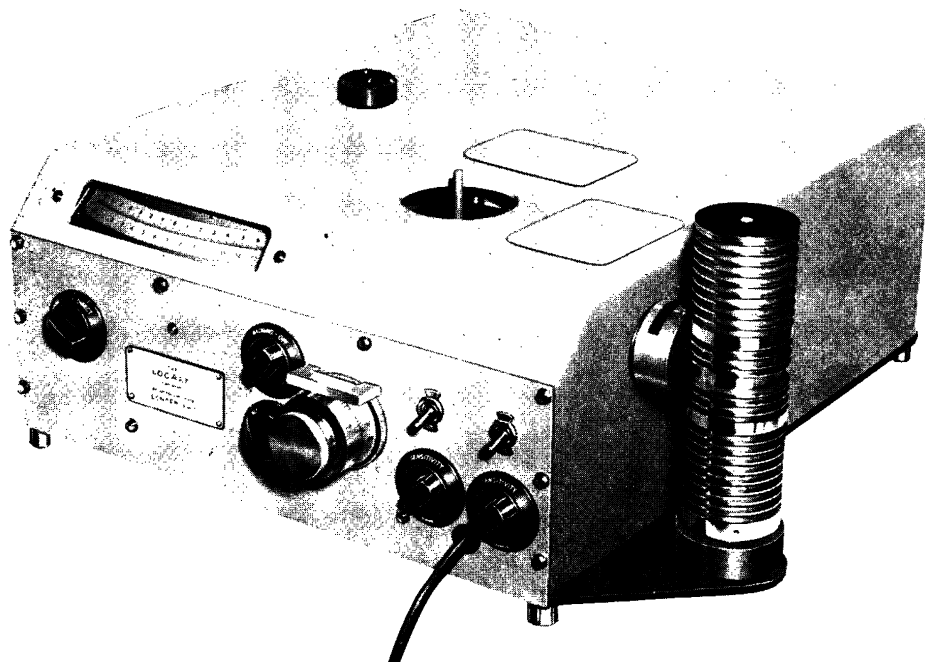


# LOCARTE FLUORIMETER



## Excitation wavelengths commencing at $240m\mu$

Now incorporating these novel features:

- Output socket for chart recorder.
- Flow-through cuvettes.
- Automated fluorimetry with special converter unit for direct connection to Auto analyser recorder.
- Stability ensured with fully regulated special Mercury Arc and Zinc lamp. Zinc lamp specially developed for plasma cortisol estimations.

In laboratories throughout the world the Locarte Fluorimeter is saving time while providing unparalleled results. Important work demands precision. An extensive range of filters is available.

With an instrument so sensitive that monochromatic filter can be used on both primary and secondary sides many laboratories have extended their sphere of work. With an instrument so fast in operation your costs are reduced.

RAPID measurement of fluorescence (solution or filter paper).

SENSITIVITY: Minimum cuvette 'blank' allows full use of 13 stage photomultiplier and allows estimations well below  $0.001 \mu\text{g./ml.}$  Quinine Sulphate;  $0.001 \mu\text{g./ml.}$  Serotonin (measuring the fluorescence in the Ultra Violet at  $335 m\mu$ ) and  $0.1 \mu\text{g.}$  of Cortisol on filter paper.

REPRODUCIBILITY SPEED AND ACCURACY in all your fluorimetric estimations.

Locarte Precision equipment includes: Fraction Collectors, H.V. Electrophoresis, U.V. Handlamps, Recording Densitometers, Desalters, Column Scanners, Pipette Washers, Amino Acid Analysers.

*For further information please quote JCP/F*

**THE LOCARTE COMPANY**

24 Emperors Gate, London SW7. FREmantle 1712



## 3 NEW standardised reagents ... for all COULTER COUNTERS<sup>®</sup>

These new reagents take most of the variations (and the work) out of routine blood sample preparations and enable you to achieve a high degree of accuracy. This is how:

1. ISOTON<sup>®</sup>, a controlled electrolyte, holds cells to their initial volume to give unbeatable accuracy for all your determinations—especially MCV and Hct.
2. ZAPONIN<sup>®</sup>, lyses red cells, *instantly* and leaves no red cell stroma.
3. ISOTERGE<sup>®</sup>, a blended detergent with minimal haemolytic properties, dissolves and removes cellular and other debris from the Coulter sampling system.

More details of the work these reagents can do for you are contained in our brochure "Standardised Reagents for use with the COULTER COUNTER". Send for your copy today.



**COULTER ELECTRONICS LIMITED**

High Street South, Dunstable, Bedfordshire. Telephone: Dunstable 66211

# AMERICAN JOURNAL OF CLINICAL PATHOLOGY

## *Contents of a Recent Issue:*

Adenomatoid Tumors of the Uterus and Fallopian Tube.

*Luther A. Youngs and Herbert B. Taylor*

Bone Marrow Findings of Reactive Plasmacytosis.

*Charlotte T. Liu and Miriam B. Dablke*

*Pasteurella multocida* in Animal Bites of Humans.

*Dorothy Branson and Frederick Bunkfeldt, Jr.*

Serum Protein and Immunoglobulin Levels in Tuberculosis.

*Jane B. Faulkner, R. LeRoy Carpenter, and Robert A. Patnode*

A Simplified Procedure for Serum Butanol-Extractable Iodine.

*John M. Masen*

A Method for the Elimination of Magnification in Roentgenograms for Scintiscan Superimposition.

*David B. Lewall and W. Newlon Tauxe*

Electronic Data Processing in a Private Hospital Laboratory.

*Paul R. Finley, Frances Anderson, and Robert Neese*

## Technical Section

An Evaluation of the 0.5% Bromelin 9 : 1 Serum-To-Cell Ratio Technic.

*L. V. Milner*

A New Assay for Factor V Activity.

*Clara V. Hussey and Mae E. Hoffman*

The Single Disk Sensitivity Test Using a Zone Size Chart.

*Esther L. Cheatle*

Merthiolate Iodine Formalin Concentration for Stool Studies. A Comparative Evaluation.

*Subbash C. Vidyarthi*

A Dependable Silver Impregnation for Astrocytes in Frozen and Paraffin Sections.

*Vernon W. Fischer, James S. Nelson, and Elvie Taylor*

Monthly, two volumes a year beginning January and July. Volumes 49 and 50 are current in 1968. Subscription price per calendar year: \$20.00 (U.S.); \$21.90 (Canada); \$22.70 (all other countries).

THE WILLIAMS & WILKINS COMPANY  
428 East Preston Street  
Baltimore, Maryland U.S.A. 21202

Available in the U.K. from:  
BAILLIERE, TINDALL & CASSELL, LTD  
7 & 8 Henrietta Street  
London W.C.2. England