Scintiscanner NE 8271

* 5in x 2in thick NaI(Tl) crystal
* Scanning plane can be tilted ±45°
* Colour and Photoscan
* Low Cost
* Immediate Delivery

Full details of Scintiscanner NE 8271, Scintiscamera NE 8251 and other medical diagnostic equipment from:

NUCLEAR ENTERPRISES LIMITED

Sighthill, Edinburgh EH11 4EY, Scotland. Telephone, 031-443 4060
Cables: Nuclear, Edinburgh Telex: 72333
Effect of α-γ-chlorophenoxyisobutyrate on the metabolism of isoprenoid compounds in the rat. K. V. Krishnamurthy & T. Ramasarma

The metabolic heterogeneity of rabbit ear cartilage chondroitin sulphate. J. P. Bentley & B. Rokosová

The stereochemistry of hydrogen elimination during 7,8-double bond formation by Tetrahymena pyriformis. D. C. Wilton & M. Anstee

Depolarization of the intrinsic and extrinsic fluorescence of pepsinogen and pepsin. F. W. J. Teale & R. A. Badley

Some biochemical effects of triamcinolone acetonide on rat liver and muscle. R. F. Peters, M. C. Richardson, M. Small, & A. M. White

Oxidation of C1 compounds by Pseudomonas sp. M. S. H.-F. Kung & C. Wagner

Protocollagen proline hydroxylase of the mouse uterus during pregnancy and post-partum involution. J. Halme & M. Jäskeläinen


Changes in proton-magnetic-resonance spectra during aminolysis and enzymic hydrolysis of cephalosporins. J. M. T. Hamilton-Miller, E. Richards & E. P. Abraham

Studies on heterogeneity of human gastric zymogens. M. D. Turner, J. C. Mangla, I. M. Samloff, L. L. Miller & H. L. Segal

Evidence for the absence of the terminal adenine nucleotide at the amino acid-acceptor end of transfer ribonucleic acid in non-lactating bovine mammary gland and its inhibitory effect on the aminoaacylation of rat liver transfer ribonucleic acid. M. D. Herrington & A. O. Hawtrey

Changes in proportion of thiol to disulphide in acid-soluble nuclear proteins of Echinus during the first cell cycle. M. G. Ord & L. A. Stocken

Distribution of prostaglandins in rabbit kidney. K. Crowshaw & J. Z. Szylk

The metabolic fate of amphetamine in man and other species. L. G. Dringe, R. L. Smith & R. T. Williams


The operation of the γ-aminobutyrate bypass of the tricarboxylic acid cycle in brain tissue in vitro. R. Balázsi, Y. Machiyama, B. J. Hammond, T. Julian & D. Richter

Appendix: Mathematical approaches to the evaluation of the flux of γ-aminobutyric acid in brain tissue in vitro. B. J. Hammond, T. Julian, Y. Machiyama & R. Balázsi


Gluconeogenesis in the kidney cortex. Flow of malate between compartments. R. Rognstad

The effect of whole-body X-irradiation of guinea pigs on liver ribonucleic acid synthesis. E. J. Hudeg, E. Bölöni, J. Holland, F. Antoni & V. Várterész

The amino acid sequence of cysteic acid-containing peptides from performic acid-oxidized ovotransferrin. T. C. Elleman & J. Williams

Addendum: The peptide 'maps' of the major and minor components of hen's egg ovotransferrin. J. Williams & R. V. Wenn

SHORT COMMUNICATIONS

The mechanism of active intestinal transport of sugars. J. E. G. Barnett, A. Ralph & K. A. Munday

The specificity of cereal limit dextrinases. D. J. Mannsers, J. J. Marshall & D. Yellowlees

Inhibition of alkaline phosphatase by L-phenylalanine. H. N. Fernley & P. G. Walker

Subscription price per volume £9 net; $22 in U.S.A.

Orders may be placed with a bookseller, or sent direct to
Biochemical Society (Publications),
7 Warwick Court, London W.C.1
The Scinticamera 3 is now in extensive clinical use in many European countries and the photograph shows cameras being assembled for shipment to France, Germany, Belgium, Italy, Finland and Portugal.

- Compact display unit
- In extensive clinical use
- 28 cm field diameter

- Manual positioning of head
- Wide choice of ancillary computation
- Renography attachment

Full information available from:

NUCLEAR ENTERPRISES LIMITED
Sighthill, Edinburgh EH11 4EY Scotland
Tel.: 031-443 4960 Cables: Nuclear Edinburgh Telex 233

Associate Companies: Nuclear Enterprises GmbH, 8 Munich 2, Karlstrasse 45, West Germany. Telex: 539638
Nuclear Enterprises Inc., 935 Terminal Way, San Carlos, California 94070. Telephone: 415-593-1455
YOU KNOW
YOU'RE RIGHT
with quality control...

SERONORM adds precision
A genuine independently evaluated serum which
provides control standards for 27 serum
components of significant importance
in clinical analysis

AUTONORM
A stabilized, freeze-dried serum, for the control and adjustment of drift and
changes of the base-line in serial analyses.

Write for detailed information on these two products

BDH Chemicals Ltd  Poole BH12 4NN
This new Unicam UV Spectrophotometer has been made to meet your requirements

To meet, in fact, the requirements of every UV spectroscopist—whether engaged in research or in routine applications. And that means that the new Unicam SP8000 Ultraviolet and Visible Recording Spectrophotometer is just about the most versatile instrument available. To start with you get superb presentation and reproducibility of spectra on the integral flat-bed recorder. You get dual absorbance scales of 0-1.0A and 0-0.2A with back-off. You get exceptional scale expansion. There is a large sample compartment and a unique second sample position. There is a whole range of modular accessories for automation. If you want digital print out, results in concentration units, automatic wavelength selection, programme control, automatic sample changing of up to 50 samples—you name it and the likelihood is that the Unicam SP8000 system can do it. The Unicam SP8000 is the latest addition to an outstanding range of UV instruments which includes the SP500 Series 2, the SP700, the SP800 and the award-winning SP3000.

To learn more about any of these write to us today.
POSTGRADUATE MEDICAL JOURNAL

MARCH 1970

The evolution of diabetes from prediabetes—T. S. Danowski
Clinical features and detection of osteomalacia in the elderly—Arnold J. Rosin
One-session treatment of gonorrhoea in males with procaine penicillin plus probenecid—R. J. C. Cobbold, R. J. Spitzer, G. D. Morrison and R. R. Willcox
Peripheral nerve and root lesions developing as a result of haematoma formation during anticoagulant treatment—J. D. Parkes and P. H. Kidner
Medical library and information services—R. B. Tabor

Price 15s. postage extra. Annual subscription £6 post free

Published for
THE FELLOWSHIP OF POSTGRADUATE MEDICINE
by
BLACKWELL SCIENTIFIC PUBLICATIONS · OXFORD AND EDINBURGH

BRITISH MEDICAL BULLETIN

Each Issue a Symposium on an Important Aspect of Contemporary Medical Research

VOL. 26, No. 1 January 1970

control of human fertility

scientific editor: G. M. Swyer

introduction

Sir Alan Parkes

The hypothalamus and control of ovulation
G. W. Harris & F. Naftolin

Pheromones
H. M. Bruce

The evidence for luteolysin
L. E. A. Rowlson

Induction of ovulation with gonadotrophins
A. C. Cooke

Clomiphene
P. M. F. Bishop

Effectiveness and risks of birth-control methods
D. M. Potts & G. J. M. Swyer

Evaluation of rare adverse effects of systemic contraceptives
Richard Doll & M. P. Vessey

Developments in steroidal hormonal contraception
Arnold Klopper

Postcoital contraception
C. W. Emmens

Mechanisms of action of intra-uterine contraceptive devices in women and other mammals
P. Eckstein

Recent advances in surgical methods of control of fertility and infertility
P. C. Steptoe

Termination of pregnancy
D. M. Potts

Immunology of conception and pregnancy
R. G. Edwards

Antispermatogenic agents
Harold Jackson

Sites of hormone production in the mammalian testis, and their significance in the control of male fertility

Price £2 ($6.50 U.S.A. and Canada)

Order through your local bookseller, or direct from
BRITISH MEDICAL BULLETIN
97 & 99 PARK STREET, LONDON, W1Y 4HQ