

AUTOMATIC ELECTRONIC DECADE SCALER and TIMER for optimum speed and accuracy



The simplicity and accuracy of Dekatron counting and timing circuits make the **Ecko Model N-530A** Automatic Scaler the most outstanding and most versatile instrument of its kind. This scaler will time a pre-determined count, count for a pre-determined time, or can be manually operated, and, together with the **EKCO Model N-550** counter shown above, forms a complete counting system.

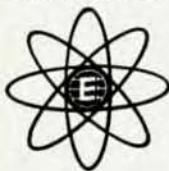
FEATURES:

- Preset/elapsed time interval—100–100,000 seconds in 10ths
- Preset/elapsed count interval—100–1,000,000 counts
- Maximum counting rate—60,000 counts/second
- Maximum stopping time—2 milliseconds
- Pulse height discriminator permits use with G-M, scintillation, flow or proportional counters—variable 5–50 volt acceptance level

SPECIFICATIONS:

- Input sensitivity—negative 0.1 volt and positive 5 volts
- Input resolution time—5 microseconds, low coincidence loss
- Power Requirements—110–250v, 50/60 cycles, 130 watts
- Dual-range Power Supply—250–1000 and 500–2000 volts
- Stability — $\pm 0.5\%$ for variations up to $\pm 10\%$
- Ripple — less than 5 mv. rms peak

Write **TODAY** to our American representative for technical data on the complete line of **EKCO** equipment.



AMERICAN TRADAIR CORP.

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U.S. SALES & SERVICE for
EKCO ELECTRONICS, LTD., Essex England

Meetings

Magnetic Resonance

A SYMPOSIUM on Magnetic Resonance is being arranged by the Liverpool and North Wales Branch of the (British) Institute of Physics at the University College of North Wales, Bangor, September 26–27. Lectures will be given by B. Bleaney (Clarendon Laboratory, Oxford) on free atom resonance, J. G. Powles (Queen Mary College, London) on spin echo techniques, R. E. Richards (Department of Physical Chemistry, Oxford) on magnets, and E. R. Andrew (University College of North Wales) on nuclear magnetic resonance work and other research at Bangor. Further particulars may be obtained from Professor E. R. Andrew, Physics Department, University College of North Wales, Bangor, Caernarvonshire, England.

Magnetism and Magnetic Materials

THE second Conference and Exhibit on Magnetism and Magnetic Materials will be held October 16–18 at the Hotel Statler in Boston. Sponsored by the American Institute of Electrical Engineers in cooperation with the American Physical Society, the Institute of Mining, Metallurgical, and Petroleum Engineers, and the Institute of Radio Engineers, the meeting will have a technical program of some 75 contributed and 10 invited papers and will include an exhibit of magnetic materials and associated equipment. A dinner will be held October 17 at the Museum of Science, after which R. M. Bozorth will speak on his recent trip to Russia to attend the magnetism conference sponsored by the Soviet Academy of Sciences.

The technical program has been divided into eight sessions under the following subject headings: (1) magnetic anisotropy, (2) permanent magnets and fine particles, (3) magnetism and physical metallurgy, (4) losses in soft magnetic materials, (5) ferrites, (6) high-frequency phenomena, (7) switching devices and magnetic amplifiers, (8) apparatus and design. Invited speakers will include H. P. J. Wijn, J. H. Van Vleck, R. M. Bozorth, T. O. Paine, C. Zener, J. Goodenough, N. Bloembergen, C. L. Hogan, R. L. Conger, and T. Bonn.

The Conference Chairman is R. M. Bozorth, Bell Telephone Laboratories, Murray Hill, N. J.; T. O. Paine, General Electric Co., West Lynn, Mass., is the Local Conference Chairman, and the Program Chairman is