

# WHAT'S NEW



This listing is intended only as a service to the reader by calling his attention to items of possible interest. No endorsement should be inferred. Item numbers correspond to numbers on the READER SERVICE CARD.

32. Non-Linear Systems, Inc., Del Mar, California offers their transistorized Model 2810 COUNTER with a frequency range of 2 cycle/s to 2 Mcycle/s. The counter will display period measurement, in digital form, of the average of 1 to  $10^5$  periods of the input. High input impedance and 0.1 V input sensitivity are featured.

33. A flow-through cuvet and a colorimetric titration assembly are accessories to the Fisher ELECTROPHOTOMETER II, a fully transistorized modernization of an earlier model from Fisher Scientific Company, Pittsburgh, Pennsylvania. The instrument contains a 6-place filter wheel and a double-beam optical system.

34. A NEW ISOTOPES CATALOG from Nuclear Science and Engineering Corporation of Pittsburgh Pennsylvania was released in February. The company also announced reduced prices on selected isotopes, following AEC withdrawal from routine production of  $^{45}\text{Ca}$ ,  $^{59}\text{Fe}$ ,  $^{65}\text{Zn}$ ,  $^{75}\text{Se}$ ,  $^{113}\text{Sn}$  and  $^{125}\text{Sb}$ .

35. Applied Electro-Mechanics, Inc., Alexandria, Virginia has available a 350-W MOBILE AUDIO AMPLIFIER. The unit is transistorized, has a volume of less than  $1/6\text{ ft}^3$ , and can be operated on any battery voltage from 12 to 32 V.

36. Any potentiometric recorder can be used to record hundredths of a


degree temperature changes between  $-50^\circ$  and  $300^\circ\text{C}$ , using the A92 RECORDING ADAPTER presented by Atkins Technical, Inc. of Gainesville, Florida. The adapter has a novel temperature-simulation circuit to provide adjustable span and range.

37. A bibliography is included in "MOVING COIL GALVANOMETERS", A TECHNICAL PUBLICATION by D. H. Gallagher and A. E. Paschkis of Leeds and Northrup, Philadelphia. This 24-page guide is offered without charge. Topics covered include: design considerations, magnets, display systems, amplification, choosing a galvanometer and precautions in use.

38. Characteristics of the SLO-SYN SYNCHRONOUS MOTORS available from The Superior Electric Company, Bristol, Connecticut include 72 rev/min basic shaft speed (for 60 cycle/s line frequency) with torque ratings from 25 to 1800 oz-in. (129.5 kg-cm). A radiation-resistant model is available which can withstand 3000 Mrad and can be operated in ambient temperatures to  $100^\circ\text{C}$ , according to the manufacturer.

39. The TEMPUNIT, from Cole-Palmer Instrument and Equipment

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Company, Chicago, controls temperature of water or oil baths to  $+0.015^{\circ}\text{C}$  at any temperature between ambient and  $95^{\circ}\text{C}$ . The unit stirs and circulates up to 6 liters of water per minute.

40. La Pine Scientific Company, Chicago, presents its 1965 CATALOG OF LABORATORY EQUIPMENT featuring a wide variety of new as well as established products.

41. ASA subcommittee N6.9 has compiled an INDEX OF U. S. NUCLEAR STANDARDS ACTIVITIES. The compilation presents the standards activities of all groups known by the subcommittee to be involved, listed in alphabetical order by organization, and lists names and addresses of key individuals in the field. Copies are available from the Chairman, William B. Cottrell, ORNL.

42. A new, HIGH RESOLUTION CAMERA that will record at rates of over 20 million pictures per second

has been introduced by Beckman & Whitley, Inc., San Carlos, California. The synchronized framing camera, Model 189B, is more than 2.5 times faster than any other rotating mirror camera, according to the manufacturer. It records 120 pictures, each resolved to 32 lines/mm, with no blind time between frames. Exposure times are as short as 50ns.

43. Rochester Instrument Systems, Inc., Rochester, New York, has announced the development of a SET-POINT ANNUNCIATOR that operates directly from any standard analog current-or voltage-transmitting instrument. The annunciator circuitry is composed entirely of solid-state elements and is completely isolated from the input circuit. Response time is 50ms; fixed dead-band of approximately 1.0% or 5% of full scale can be specified. Repeatability is 0.2%; set point resolution is 0.1%. The annunciator requires 5W of power per point and will operate on 120 Vac, or 24, 48 or 125 Vdc.



*International Nuclear Industry Exhibit:  
Sheraton Park Hotel: Washington, D. C.,  
November 16-18, 1965.*

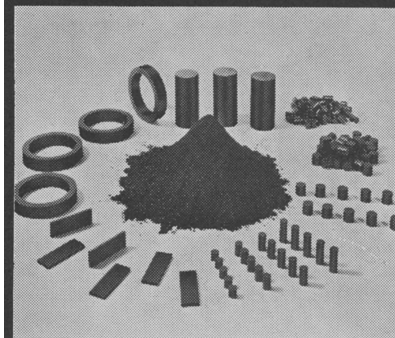
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