

calendar

MARCH 1973

8, 9 • **Semiconductor Detectors in Medicine** □ UNIV. OF CALIF., SAN FRANCISCO □ San Francisco, Calif. (L. Kaufman, Dept. of Radiology, Univ. of Calif., San Francisco, Calif. 94122)

20, 21 • **Californium-252 Utilization Meeting** □ AEC SAVANNAH RIVER OPERATIONS OFFICE □ New York, N. Y. (W. C. Reinig, Californium-252 Information Center, Savannah River Laboratory, Aiken, S. C. 29801)

26-31 • **Recent Developments in High-Energy Physics** □ ADVANCED SCHOOL OF PHYSICS, FRASCATI NATIONAL LABORATORIES □ Frascati, Italy (Conference Secretary, Laboratori Nazionali del CNEN, Cas. Postale 70, 00044 Frascati, Italy)

APRIL 1973

2, 3 • **Explosive Nucleosynthesis** □ UNIV. OF TEXAS, AUSTIN □ Austin, Texas (D. N. Schramm, Dept. of Astronomy, Univ. of Texas, Austin, Texas 78712)

3-5 • **Atomic and Molecular Physics of Ionized Gases** □ ORGANIZING COMMITTEE FOR THE CONFERENCE ON ATOMIC AND MOLECULAR PHYSICS OF IONIZED GASES □ Versailles, France (J. Berlande, Service de Physique Atomique, C.E.N. Saclay, Boite

Postale no. 2, 91-Gif-sur-Yvette, France)

4, 5 • **Environmental Pollution: The Reclamation and Disposal of Hazardous Materials** □ AMERICAN ORDNANCE ASSOC. CHEMICAL AND BIOLOGICAL DIVISION, CHESAPEAKE CHAPTER □ Edgewood Arsenal, Md. (A. Sullivan, USN (Ret), American Ordnance Assoc. Union Trust Bldg., 740 15th St, N. W. Washington, D. C. 20005)

5, 6 • **European Cooperation in Research and Technology** □ THE RESEARCH AND DEVELOPMENT SOCIETY □ University of Sussex, Brighton, UK (Symposium Secretary, R&D Society, 47 Belgrave Square, London SW1X 8QX, UK)

10-13 • □ ASA □ Boston, Mass. (B. H. Goodfriend, 335 E. 45th St., New York, N. Y. 10017)

13, 14 • □ APS NEW ENGLAND SECTION □ Hartford, Conn. (P. Solomon, United Aircraft Laboratories, East Hartford, Conn. 06108)

*16, 17 • **Polymer Burnish-Forest Fires** □ WESTERN STATES SECTION OF THE COMBUSTION INST., ARIZ. STATE UNIV. □ Tempe, Ariz. (R. P. Wilson, Ultrasystems, Inc, 2400 Michelson Dr, Irvine, Calif. 92664)

20, 21 • **Baryon Resonances** □ PURDUE

ESSCO RADIO TELESCOPE



Sao Paulo, Brazil
installation.

THE ESSCO SYNERGISED ANTENNA SYSTEM OFFERS:

- Wide frequency range (0.1 to above 100 GHz).
- Pointing accuracy to 4 sec rms.
- Tracking accuracy to 3 sec rms.
- High overall system efficiency.
- All-weather operating capability.

Availability in 22, 33, 45 and 66 ft. antenna sizes.

ESSCO Radio Telescopes are currently operating in both North and South America. The first European system is now nearing completion and the second is on order.

For complete details call or write Dave Miller, Marketing Manager.



ELECTRONIC SPACE SYSTEMS CORPORATION
OLD POWDER MILL ROAD • CONCORD, MASS. 01742 • TEL. 617 360-7200

ELECTRONIC SPACE SYSTEMS U.K. LTD.
Maidenhead, England • Tel. 0628-20528 / Telex. 847036

ELECTRONIC SPACE SYSTEMS INT. S.A.
Brussels, Belgium • Tel. (02)33 83 69

Circle No. 91 on Reader Service Card

PHYSICS TODAY / MARCH 1973

105

This is a partial calendar comprising only notices received since last month. A complete calendar is published every third month; readers are referred to the last one, published in January, for a comprehensive listing of notices. For complete information concerning an entry, please consult the original PHYSICS TODAY reference (see code below) and the listed contact.

Abbreviations:

AAPT American Association of Physics Teachers
AAS American Astronomical Society
ACA American Crystallographic Association
APS American Physical Society
ASA Acoustical Society of America
OSA Optical Society of America
SPS Society of Physics Students
S of R Society of Rheology
AAPM American Association of Physicists in Medicine
AEC US Atomic Energy Commission
AIAA American Institute of Aeronautics and Astronautics

ANS American Nuclear Society
ASTM American Society for Testing and Materials
AVS American Vacuum Society
EPS European Physical Society
IAEA International Atomic Energy Agency
IEEE Institute of Electrical and Electronics Engineers
IOP The Institute of Physics
IUPAP International Union of Pure and Applied Physics
NAS National Academy of Sciences
NBS National Bureau of Standards
NSF National Science Foundation
ONR Office of Naval Research
ORNL Oak Ridge National Laboratory

Coding:
date subject □ HOST □ Location (Contact) [submission deadline] Physics Today ref.

• new listing ♦ new information

Your best source for sources? Amersham/Searle.

And here's why...

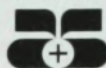
Industrial and Laboratory Alpha Sources
Industrial and Laboratory Beta Sources
Mossbauer Sources
Bremsstrahlung, X-Ray and Low Energy Gamma Sources*
High Energy Gamma Sources**
Gamma Radiography Sources
Neutron Sources
Targets for Neutron Generators
Reference, Demonstration and Training Sources
Clinical Beta Sources (including ophthalmic applicators)
Interstitial and Intracavity Sources for Radiotherapy
Cobalt-60 for Treatment of Retinoblastoma

**We manufacture low energy photon sources using thirteen different radioisotopes, including those commonly used in x-ray fluorescence analysis and gauging applications. Our production techniques are second to none and we employ a wide range of designs—not all of which are advertised in the catalog. Whenever possible, source capsules are of welded construction using aluminum, stainless steel, beryllium, or precious metals.*

***Our latest catalog addition offers a wide range of Cesium-137 high energy gamma sources. Activities between 1mCi and 5Ci are available in convenient-sized capsules.*

Like to discuss your own particular source requirements? Call us at our home office:
(312) 593-6300. And be sure to write for our free radiation sources catalog—the most extensive of its kind.

OUR SPECIFIC ACTIVITY IS SERVICE

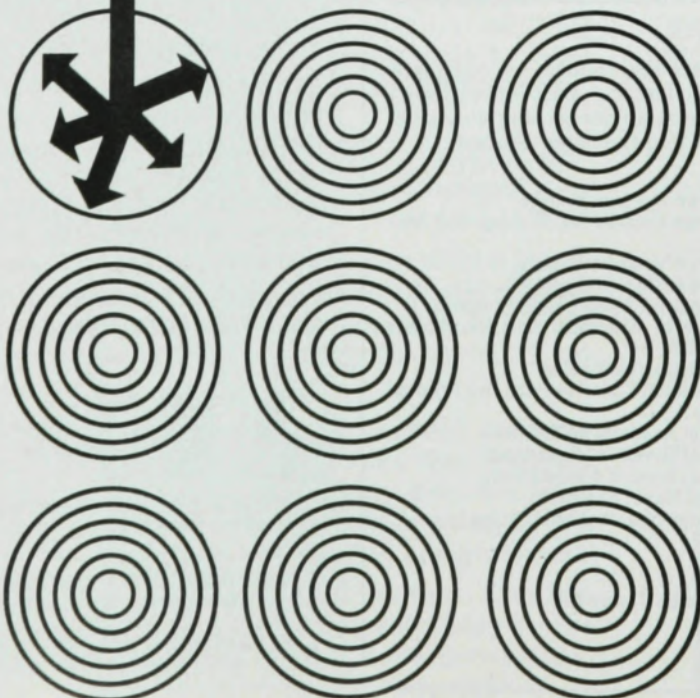


Amersham/Searle

AMERSHAM / SEARLE CORPORATION:
An Activity of G. D. Searle & Co. and the Radiochemical Centre

2636 S. Clearbrook Drive / Arlington Heights, Illinois 60005

Telephone: 312-593-6300—Telex: 28-2452



Circle No. 92 on Reader Service Card

hv dc power supplies

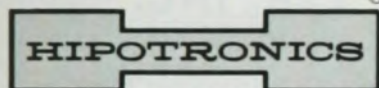
at prices from \$40



7.5, 130 ma
air-insulated unit, with
HV section included in control box

Hipotronics offers you immediate delivery on over 400 standard models . . . with output voltages from 1 to 1000 KV and current outputs from 0.1 ma to 50 amperes.

For more information call (914) 279-8091, or send for our 24-page catalog, which lists complete specifications: "High Voltage DC Power Supplies and Components."



HIPOTRONICS INC.
Brewster, N.Y. 10509 / (914) 279-8091

Circle No. 93 on Reader Service Card

LOW TEMPERATURE GERMANIUM BOLOMETERS

Guaranteed N.E.P.
As low as 1×10^{-14} Watt/Hz^{1/2}
\$1,000 to \$3,000

LIQUID HELIUM DEWARS

- Model HD-2—vapor cooled radiation shield, capacity 1.2 liters, guaranteed hold time 24 hours at 4.2°K. **\$995**

- Model HD-3—liquid nitrogen cooled radiation shield, capacity 1.1 liters, guaranteed hold time 150 hours at 4.2°K. **\$1,495**

**Infrared
Laboratories, Inc.**

P.O. Box 17015
Tucson, Arizona 85710
(602) 325-6491

Circle No. 94 on Reader Service Card

APRIL 1973

UNIV. PHYSICS DEPT. □ Purdue Univ. (E. C. Fowler, Dept. of Physics, Purdue Univ., Lafayette, Ind. 47907)

- 23-27 • **Scanning Electron Microscopy** □ IIT RESEARCH INST. □ Chicago, Ill. (O. Johari, Metals Research Division, IIT Research Inst., 10 W. 35th St, Chicago, Ill. 60616)

- 26-28 • **Holography in Biomedical Sciences** □ DEPT. OF OPHTHALMOLOGY, NEW YORK MEDICAL COLLEGE □ New York, N. Y. (P. Greguss, Dept. of Ophthalmology, New York Medical College, 1249 Fifth Ave, New York, N. Y. 10029)

MAY 1973

- 8-12 • **Instrumentation for High-Energy Physics** □ IUPAP, COMITATO NAZIONALE PER L'ENERGIA NUCLEARE, ISTITUTO NAZIONALE DI FISICA NUCLEARE □ Frascati, Italy (Conference Secretary, Laboratori Nazionali del CNEN, Cas. Postale 70, 00044 Frascati, Italy)

- 12 • □ SPS REGIONAL MEETING □ Los Angeles, Calif. (G. Voland, Dept. of Physics, UCLA, Los Angeles, Calif. 90024)

- 23-27 • **Doppler-Free Methods of Spectroscopy on Excited Levels of Simple Molecular Systems** □ CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE □ Aussois, France (J. C. Pebay-Peyroula, Laboratoire de Spectrométrie Physique, B. P. 53-38041 Grenoble-Cedex, France)

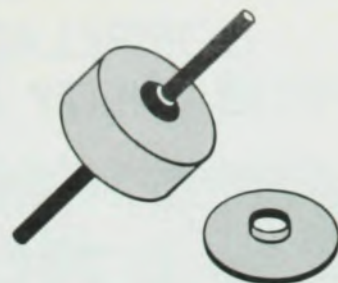
- 30-1 • **Laser Engineering and Applications** □ IEEE QUANTUM ELECTRONICS COUNCIL, OSA □ Washington, D. C. (D. Edgar, Courtesy Associates, 1629 K St, N. W., #700, Washington, D. C., 20006) [5/18/73]

JUNE 1973

- 4-8 • **Conference on Carbon** □ THE AMERICAN CARBON COMMITTEE, ORNL □ Gatlinburg, Tenn. (W. P. Eatherly, Conference Chairman, Oak Ridge National Laboratory, P. O. Box X, Oak Ridge, Tenn. 37830) [3/1/73]

- 11-15 • **High-Energy Multiparticle Production Processes** □ GORDON RESEARCH CONFERENCES □ Plymouth, N. H. (W. P. Trower, Dept. of Physics, Virginia Polytechnic Inst., Blacksburg, Va. 24061)

- 13-15 • **Calorimetry** □ THE CALORIMETRY CONFERENCE □ Worcester, Mass. (J. J. Christen-



CERAMIC/METAL SEALS SAPPHIRE WINDOWS

When it comes to joining ceramics to metals, ILC Technology's performance, expertise, and cost effectiveness are unsurpassed.

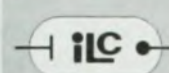
Our ceramic/metal components (usually of alumina, beryllia, or sapphire, sealed to many metals) often greatly exceed the expectations of our customers. Sure, we have furnaces for metalizing and stations for ion implantation. We have hydrogen and vacuum brazing furnaces to 2200°C, including a new large high vacuum furnace for low cost production runs. Plus helium leak testing and processing stations capable of 500°C bake-out. Our quality control procedures conform to MIL-SPEC and NASA standards.



But we are more than a production house...we offer in-depth design assistance for such applications as:

Vacuum Feedthroughs • High Temperature Probes
Nuclear Reactor Components • Plasma Tubes
Optical Windows • Nuclear & Alkaline Batteries
Resistance Thermometers • Alkali Metal Lamps •
High Voltage Bushings • Thermionic Converters

In addition to such custom components, we manufacture a line of standard sapphire optical window assemblies. If you use ceramic/metal components or sapphire windows, please call or write ILC Technology.



ILC Technology
164 Commercial Street
Sunnyvale, California 94086
Phone (408) 738-2944

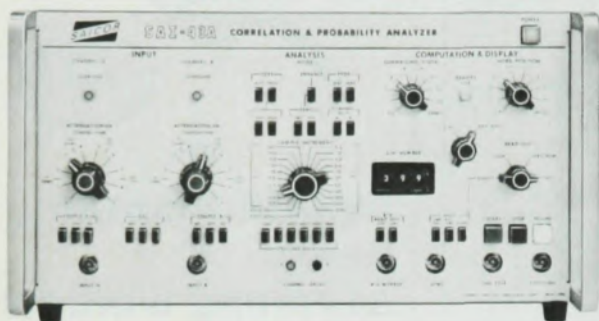
Please send information on

- Ceramic/Metal Products
- Sapphire Window Assemblies
-

Name _____
Title _____
Orgn. _____
Dept. _____
Address _____

Circle No. 95 on Reader Service Card

400 POINT/0.2 μ SEC CORRELATION & PROBABILITY ANALYZER



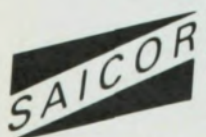
**it's a
few steps
ahead
of our own
and miles
ahead of
everyone
else!**

The new SAICOR Model SAI-43A is an all digital, high speed, processing instrument. It performs auto and cross correlation, signal enhancement (averaging), and probability and distribution analysis.

- 400 point analysis • 0.2 μ sec minimum Δt spacing (5MHz sampling rate) • 800 pre-computation additional built-in delay points
- Digital bin readout • 29 bit storage with unique word position readout • Digital exponential averaging • "Clip" and full processing • Binary digital outputs

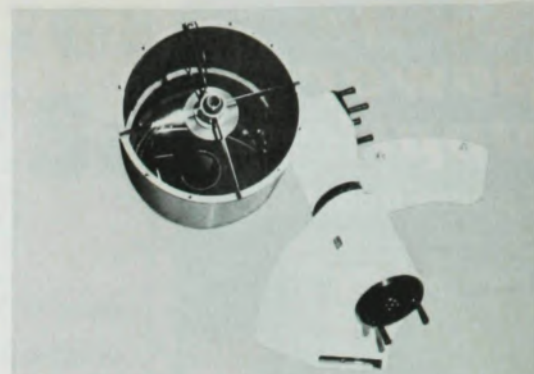
For those applications requiring only 100 point analysis, SAICOR continues to provide the finest 100 point, all digital, Correlation & Probability Analyzer ...the SAI-42, containing new and important features.

Write for our 20 page Bulletin TB-11 "Correlation and Probability Analysis."



SIGNAL ANALYSIS INDUSTRIES CORP.
595 Old Willets Path, Hauppauge,
New York 11787—(516) 234-5700

Circle No. 96 on Reader Service Card



PHOTON TRAP!

Our 24-inch Cassegrain is a precise, reliable, massive light collector that carries a 200 pound payload without strain.

If your program requires a *trouble-free* telescope, give us a call. We can usually deliver *from stock*.

GROUP 128, INC.

50 Sun Street

Waltham, Mass. 02154

617-891-1800

MISSION RESEARCH CORPORATION

Research positions are open in theoretical analysis of the upper atmosphere under highly disturbed conditions following nuclear explosions. Such studies involve techniques and knowledge from fluid dynamics, atomic and molecular physics and chemistry, geophysics, space physics, astrophysics and electromagnetic theory. The problems are theoretical at present and very interesting but very definitely applied research. Results of our efforts provide the factual basis for intelligent decisions on defense systems, negotiations such as the current Strategic Arms Limitation Talks (SALT), etc. Expansion into civilian research is anticipated as support becomes available but past experience indicates that department of defense research will predominate for some time.

Send resume to **Post Office Drawer 719, Santa Barbara, California 93102.**

An Equal Opportunity Employer

QUARTZ All Types

PYREX-VYCOR Optical Glasses

Direct Source of Stock Lenses, Prisms, Optical Flats, Mirrors, Laser Components, Pyrex and Quartz - Vycor Plates & Discs - Slides - Color Filter Glasses - Glass & Quartz Cells, Molded & Fused - Transmission Data on all Available Fused Quartz - Glasses - UV-IR Materials - Metal - Mounts - Cells - Optical Instruments - Pollution Detection Items - Other Technical Optical Data

Write for
our
26 Page
Catalog
Price List



ESCO PRODUCTS
OPTICS

ESCO PRODUCTS

161 Oak Ridge Rd. Oak Ridge, N.J. 07438
201-697-3700

Circle No. 97 on Reader Service Card

Now even higher
performance from the
only photovoltaic

Hg Cd Te Infrared Detector on the market

New: Quantum efficiencies
greater than 30%,

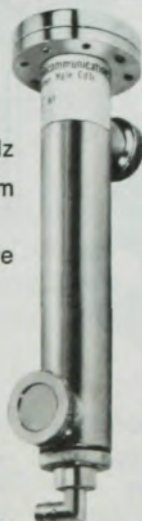
$$D^* (10.6\mu\text{m}) \geq 2 \times 10^{10} \text{cm (Hz)}^{1/2} / \text{W}$$

Ideal for CO₂ research,
laser communications,
thermal imaging.

- ☐ Choice of cut-off frequencies to 400MHz
- ☐ Response peak 10.6μm nominal)
- ☐ Operating temperature 77K (liquid nitrogen)

ELTEK Corporation

7 Woodland Ave.,
Larchmont, N.Y. 10538
(914) 834-8865



SAT Exclusive distributors
for Société Anonyme de
Télécommunications

Circle No. 98 on Reader Service Card

JUNE 1973

sen, Dept. of Chemical Engineering, 138 FELB, Brigham Young Univ., Provo, Utah 84601)

- 17-21 • ☐ HEALTH PHYSICS SOCIETY
□ Miami Beach, Fla. (B. G. Dunavant, 317 Nuclear Sciences Bldg., Univ. of Fla., Gainesville, Fla. 32601)

JULY 1973

- 7-14 • **Science and Society: Scientific, Technological and Social Development** ☐ COUNCILS FOR SCIENTIFIC AFFAIRS IN YUGOSLAVIA ☐ Hereeg-Nov, Yugoslavia (Science and Society Association, P. O. Box 163, 11001 Beograd, Yugoslavia)
- 23-26 • **Nuclear and Space Radiation Effects** ☐ IEEE, UTAH STATE UNIVERSITY ☐ Logan, Utah (J. S. Nichols, AFWL/ELT, Kirtland AFB, New Mexico 87117) [3/30/73]

AUGUST 1973

- 14-16 • **Defects and Defect Clusters in Body-Centered-Cubic Metals and their Alloys** ☐ NBS, NUCLEAR METALLURGY COMMITTEE OF THE AMERICAN INST. OF METALLURGICAL ENGINEERS, NSF ☐ Gaithersburg, Md. (R. J. Arsenault, Dept. of Chemical Engineering, Univ. of Md., College Park, Md. 20740)
- 23, 24 • **High-Energy Collisions** ☐ ORGANIZING COMMITTEE FOR THE FIFTH INTERNATIONAL CONFERENCE ON HIGH-ENERGY COLLISIONS ☐ State Univ. of N. Y. at Stony Brook (M. L. Good, Dept. of Physics, SUNY, Stony Brook, N. Y. 11790)

SEPTEMBER 1973

- 10-14 ♦ **Radioimmunoassay and Related Procedures** ☐ IAEA ☐ Istanbul, Turkey 12/72 (Note new date)
- 24-28 • **Atomic Collisions in Solids** ☐ ORNL ☐ Gatlinburg, Tenn. (S. Datz, ORNL, P. O. Box X, Oak Ridge, Tenn. 37830)
- 26-28 • **Quantum Theory** ☐ DEPT. OF THEORETICAL CHEMISTRY, LADY MARGARET HALL, UNIV. OF OXFORD, UK ☐ Oxford, UK (C. A. Coulson, Dept. of Theoretical Chemistry, 1 South Parks Road, Oxford OX1 3TG, UK)

NOVEMBER 1973

- 5-7 ♦ **Thermal Conductivity** ☐ ORGANIZING COMMITTEE FOR THE 13TH INTERNATIONAL CONFERENCE ON THERMAL CONDUCTIVITY ☐ Lake of the

radioactivity!



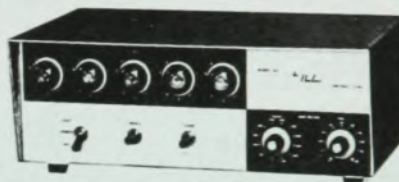
It starts with...

the **Nucleus**®

A complete line of educational
nuclear instruments —



Model 500 Nuclear Scaler \$350.00



Model K Series from \$295.00



Model AA-2000
Scintillation
Spectrometer
\$995.00

And...

License exempt radioisotopes, accessories and lab manuals.

the **Nucleus**® INC.

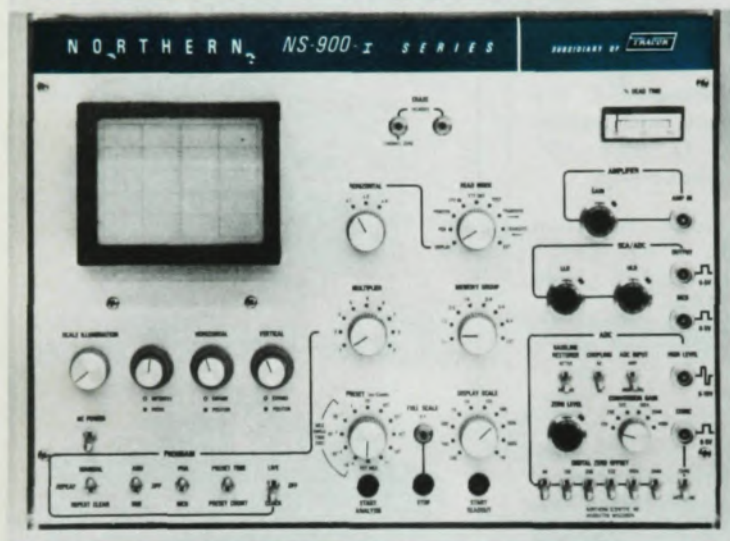
P. O. BOX R OAK RIDGE,
TENNESSEE 37830

Circle No. 99 on Reader Service Card

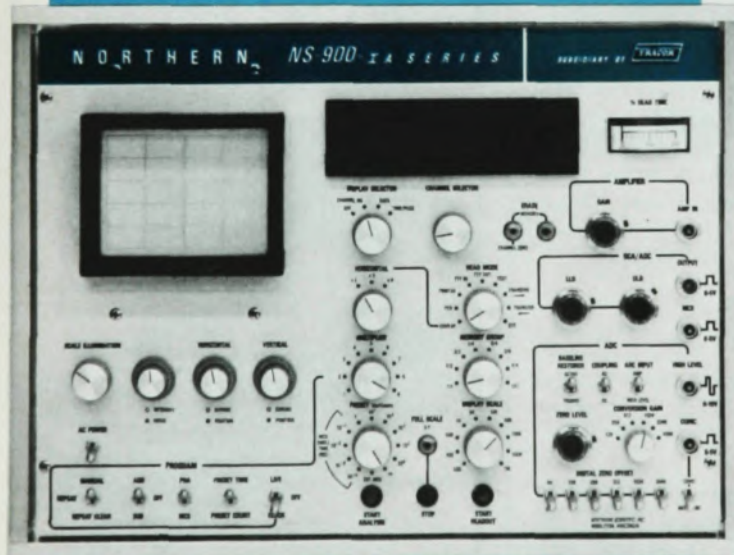
NS 900 SERIES

LOW COST — HIGH PERFORMANCE —
PULSE HEIGHT ANALYZERS

IMPROVED 50 MHz ADC • 1.2 μ SEC
MEMORY CYCLE • TELETYPE READOUT
STANDARD



512 CHANNEL NS-905
1024 CHANNEL NS-910
• 4096 ADC
• LOG DISPLAY OPTIONAL



512 CHANNEL NS-906
1024 CHANNEL NS-911
• DIGITAL READOUT WITH NSI "BUG"
• PARALLEL ACCESS TO MEMORY
INCLUDED FOR MAG TAPE AND
COMPUTER INTERFACING

TOMORROW'S ELECTRONIC
INSTRUMENTATION TODAY

NORTHERN SCIENTIFIC, INC.

P.O. Box 66/Middleton, Wis. 53562 • 608/836-6511
TWX • 910 • 280 • 2521 A SUBSIDIARY OF **TRACOR**

Circle No. 68 on Reader Service Card

The rugged, low cost thermopile detector



Sensors' Thermopile Detectors are *designed* and *built* to give trouble-free service over a wide range of environmental conditions. Their ruggedness, combined with high performance and low cost make them ideally suited for such applications as:

- Exhaust gas analysis
- Non destructive testing
- Intrusion devices
- Spectrophotometry
- Radiometry
- Military sensing systems

If you have a special application problem, we would like to discuss it with you. Write Dept. 4 for Thermopile Bulletin 10.



sensors, inc.

303 W. ANN ST., ANN ARBOR, MICH. 48103
(313) 662-3255

Circle No. 69 on Reader Service Card

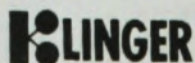
KLINGER OPTICAL MOUNTINGS "PRECISION at WORK"



Components and Sub-Assemblies.

- Translation stages
- Mirror mounts
- Laser components
- Rotation stages
- Spatial filters
- Lenses

Ask for our Catalog #'s 86 and 401



Scientific Apparatus Corp.,
83-45 Parsons Blvd., Jamaica, N.Y. 11432 (212) 657-0335

Circle No. 70 on Reader Service Card

LOW TEMPERATURE



PICOWATT AC RESISTANCE BRIDGE MODEL LR-110

- 1 part in 10^3 resolution at 10^{-12} watts
- 1 part in 10^5 resolution at higher power
- 0.05% accuracy to 12K Ω , 0.1% to 120K Ω
- 3 wire to 12K Ω , 2 wire to 1.2M Ω
- Useful range 10 Ω to 1.2M Ω
- Ideally suited for carbon and germanium thermometers
- Becomes a temperature controller when used with the linear research model LR-130 heater controller

LR

LINEAR RESEARCH

Box 9308 San Diego CA 92109
(714) 454-5514

Circle No. 102 on Reader Service Card

IR UV VUV VISIBLE

VACUUM PHOTODIODES

from 115 nm to 850 nm

SPECTRAL LINE SOURCES

of H₂, Kr, Xe, Ar, He

WINDOW ASSEMBLIES

of sapphire or magnesium fluoride transmitting from 115 nm to 10 microns

CELLS for use in the IR or VUV spectral regions

Scientific Services Co.

24 Blair Avenue

Somerset, N.J. 08873

Circle No. 103 on Reader Service Card

NOVEMBER 1973

Ozarks, Mo. (L. Reisbig, Dept. of Mechanical Engineering, Univ. of Missouri, Rolla, Mo.) (Note new information) □

NEW LISTING OF SHORT COURSES AND SCHOOLS

29-31 MARCH

Special Applications of Liquid Scintillation Counting □ UNIV. OF CALIF., SAN FRANCISCO □ San Francisco, Calif. (Dept. M, S. M. Farber, Dean, Continuing Education in Health Sciences, Univ. of Calif., San Francisco, Calif. 94122)

4-15 JUNE

Fundamentals of X-Ray Diffraction □ POLYTECHNIC INST. OF BROOKLYN □ Brooklyn, N. Y. (B. Post, Polytechnic Inst. of Brooklyn, 333 Jay St, Brooklyn, N. Y. 11201)

11-29 JUNE

Scattering Theory in Mathematics and Physics □ NATO ADVANCED STUDY INST. □ Denver, Colo. (J. A. LaVita, Dept. of Mathematics, Univ. of Denver, Denver, Colo. 80210)

18-30 JUNE

Elementary Excitations in Solids, Molecules and Atoms □ NATO ADVANCED STUDY INST. □ Antwerp, Belgium (J. Devreese, Phys. Dept., Univ. of Antwerp, Fort 6 straat, B-2610 Wilrijk, Belgium)

2-27 JULY

Summer Inst. on Environmental Health □ HARVARD UNIV. SCHOOL OF PUBLIC HEALTH, NSF □ Boston, Mass. (D. W. Moeller, Harvard School of Public Health, 665 Huntington Ave, Boston, Mass. 02115)

9-13 JULY

Nuclear Power Reactor Safety: General Nuclear Power Reactor Safety Problems □ MIT DEPT. OF NUCLEAR ENGINEERING □ Cambridge, Mass. (Director, Summer Session Office, Room E19-356, MIT, Cambridge, Mass. 02139)

16-20 JULY

Nuclear Power Reactor Safety: Boiling- and Pressurized-Water Reactor Safety □ MIT DEPT. OF NUCLEAR ENGINEERING □ Cambridge, Mass. (Director, Summer Session Office, Room E19-356, MIT, Cambridge, Mass. 02139)

9-22 SEPTEMBER

Theoretical Chemistry □ DEPT. OF THEORETICAL CHEMISTRY, WADHAM COLLEGE, UNIV. OF OXFORD, UK □ Oxford, UK (C. A. Coulson, Dept. of Theoretical Chemistry, 1 South Parks Road, Oxford OX1 3TG, UK)

PHOTO-DETECTION?

Elementary,
my dear Watson

. with Schoeffel's photodetection line, that is. Please note:



PMT Housings—Top quality, top performance side-on, end-on, cooled side-on, cooled end-on for virtually any PMT. Cooled end-on housings for photon counting. With and without dividers and dynode chains. Most have interchangeable socket assemblies. Cooler power supplies. Pre-amps. High speed detector units. Just about any adapter or accessory one is likely to need.



Photometers—The superlative M460 Series. Extremely sensitive, highly accurate. For use with PMT's and just as usable with PIN photodiodes. Scale expansion. Really effective dark current suppression. Meter or digital readout; log/lin switch and zero offset. Integral HV supply (to -2000V, continuously variable) and $\pm 15V$ supply.



Flash Photometer—Model D600. Can detect and measure light pulses with rise times as short as 10 nanoseconds. Accurately. DC coupled detector/amplifier also permits measurement of intensity of long-duration, short risetime light pulses.

We see that photodetection depends upon the photodetective. And some superb apparatus for the purpose, from our friends at Schoeffel. My violin, Watson, if you please.

(Schoeffel has a spanking new Light Measurement booklet. It's yours for the asking. Please ask. SCHOEFFEL INSTRUMENT CORP., 24 Booker Street, Westwood, N.J. 07675, (201) 664-7263, Telex 134356; In Europe: Schoeffel Instrument GmbH, 2351 Trappenkamp, Celsiusstrasse 5, W. Germany (04323) 2021, Telex 299660.)



SCHOEFFEL

Circle No. 104 on Reader Service Card