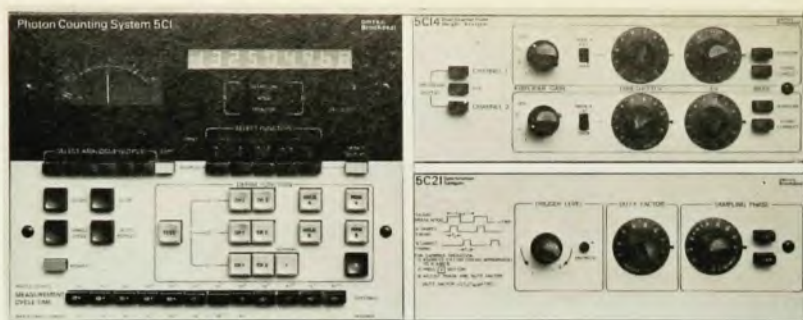




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It has a dual-channel pulse height analyzer, for example, that provides first-order pile-up correction at high counting rates and window-mode discrimination of high and low pulses. At counting rates where conventional systems "lose" 50% of the counts, the 5C1 linearizes to within 5%.

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mize high voltage, amplifier gain, and discriminator levels. Then disable the light source and check for rf pickup or spurious signals. You can't do this with any other photon-counting system.

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ment and support of programs in solar energy." He has also made major contributions to the overall management of the NSF's RANN (Research Applied to National Needs) program.

Gloria Lubkin wins Nieman Fellowship

A Nieman Fellowship to Harvard University has been awarded to the senior editor of PHYSICS TODAY, Gloria B. Lubkin.

During the academic year 1974-75 Lubkin will take a leave of absence from the magazine, where she is responsible for the news pages. In her eleven years with PHYSICS



LUBKIN

TODAY Lubkin's initials, GBL, have been found on many news stories, particularly in the "Search and Discovery" section. Prior to joining the magazine, she was on the faculty of Sarah Lawrence College for one year and worked as a nuclear physicist at TRG, Inc for two years. She is a fellow of the American Physical Society.

Sagan cited for role in public astronomy education

The Astronomical Society of the Pacific has presented its first Dorothea Klumpke-Roberts Award to Carl Sagan, professor in the laboratory for planetary studies at Cornell University.

The award recognizes outstanding contributions toward the enhancement of public understanding and appreciation of astronomy. The society cited Sagan's books, articles, lectures and television appearances as instrumental in heightening popular awareness of significant developments in modern astronomy.

Sagan has studied planetary surfaces and atmospheres and mechanisms for the formation and development of life. He earned his PhD in 1960 at the University of Chicago and prior to joining Cornell was a member of the faculty at Harvard University.

US Navy presents Conrad Award to Spiess

Fred N. Spiess has won the Robert Dexter Conrad Award, the Navy's highest honor for scientific achievement. Spiess is associate director of the

Rk-3240 Pyroelectric Radiometers



The new standard of sophistication and performance in optical, thermal, and laser measurement.

The Rk-3240 is a precise thermal radiometer utilizing a stable, spectrally flat, light trapping detector in conjunction with internal optical chopping and phase locked electronic circuitry. Wide range positive and negative background nullification is provided by a unique optical injection design.

Specifications (Rk-3240 Readout with RkP-345 Probe)

Sensing Area	1.0cm ²
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