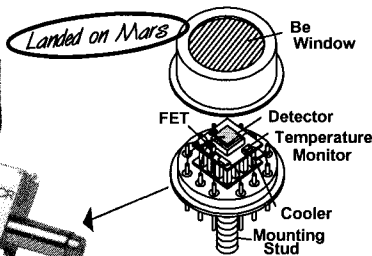
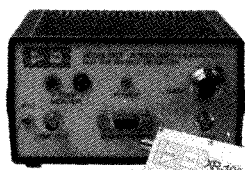


X-Ray & Gamma Ray Detectors

No Liquid Nitrogen!!!

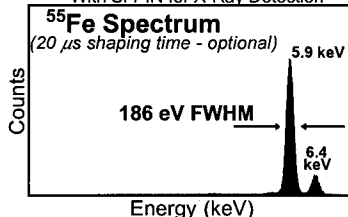
APPLICATIONS

- NUCLEAR MEDICINE
- PORTABLE INSTRUMENTS
- ENVIRONMENTAL & NUCLEAR PLANT MONITORS
- TEACHING AND R&D
- ART & ARCHAEOLOGY
- PROCESS CONTROL
- TOXIC DUMP SITE MONITORS
- SEMICONDUCTOR PROCESSING
- MINING OPERATIONS
- OEM



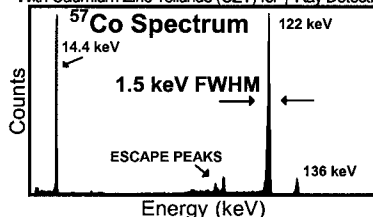
XR-100CR

With Si-PIN for X-Ray Detection



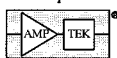
XR-100T-CZT

With Cadmium Zinc Telluride (CZT) for γ-Ray Detection



Models XR-100CR and XR-100T-CZT are high performance X-Ray and γ-Ray detectors mounted on a thermoelectric cooler together with the input FET to the Preamplifier. Monitored by an integrated circuit, these components are kept at -30°C and are enclosed in a hermetic TO-8 package with a vacuum tight, light tight Beryllium window.

Power and signal processing to the detector is provided by the PX2T in order to ensure quick, stable operation in less than one minute from power turn-on. The output pulse produced by the PX2T can be connected directly to the input of a Multichannel Analyzer (MCA). For optimum portability and versatility, use the Amptek MCA8000A "Pocket MCA."



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GEMINI OBSERVATORY

Gillett for many years. "It is fairly soon after his death," says Peter Michaud, public information and outreach manager at the observatory, "but Gillett was so important to the Gemini project that there was little argument over the action." The move touched widow Marian Gillett. "The naming of the telescope, which always looks up at the stars, just as Fred did all his life, is a very appropriate way to remember him," she says. Currently, there are no plans to rename Gemini South on Cerro Pachón in Chile, says Michaud. **PKG**

Industrial science as history. The Center for History of Physics at the American Institute of Physics is launching a \$600 000, three-year project designed to create a national documentation strategy for identifying and saving records of physicists who work in industry. The idea for the project grew out of earlier efforts that created documentation strategies for government contract laboratories and multi-institutional research collaborations, said Joe Anderson, associate director of the history center.

The task may prove daunting because, although European industries have a long tradition of archiving documents, very few American corporations maintain in-house archives to document their own R&D, Anderson said. A background document for the project noted that "American archivists lack both the financial resources and conceptual framework to preserve the history of industrial R&D. The resulting dearth of significant and readily accessible documentary sources has limited the ability of historians, policymakers, and other scholars to explore in detail one of the most vital and productive sectors of America's industrial economy."

The center is in the process of selecting 15 companies that are among the largest employers of physicists for the study. NSF, the Avenir Foundation, and Research Corporation are providing the lead funding for the project, and negotiations are under way with other potential supporters. **JLD ■**

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