

PYCKO SCIENTIFIC LIMITED

31 London Road, Grantham, NG31 6EX
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bill@pycko.co.uk www.pycko.co.uk

Your Alternative
To The Obvious

Special Detector Designs

These detectors have been used in applications that include: Homeland Security, Oil and Gas Exploration, Health Physics Applications, Astrophysics, Medical Imaging, Industrial Gauging, Particle Physics, Material Science, and Ultra-Low Background Counting.

These detector designs satisfy specifications that challenge the limits of detector technology. Our detectors meet strict requirements needed to qualify for unmanned space flight. Our detectors are used in rugged high-temperature geophysical exploration. Our Ultra Low Background design will improve your detection capabilities.

This data sheet gives some examples of some of our special designs.



Ultra-Low Background Gamma Detectors



Ruggedized Detectors



Ultra-Low background X-Ray Detectors



BGO Annulus and "Backcatcher" Detectors

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Nal(Tl) 9" x 9" Annulus and Plug Detector



Ultra Low Background Annular Detector



Homeland Security Configurations.



Special BaF₂ Detectors

The manufacturing process begins with exceptionally clean starting material. This material is processed using a growth technique that has been developed in house. Our high-quality detectors are assembled utilizing techniques that have been developed with over 100 years of combined working experience.