

Overview

The BGO scintillation detector, despite its relatively small size compared to other radiation measurement detectors, has a very high detection efficiency due to its high crystal density and is easy to handle because it is not hygroscopic.

The XB300 further enhances detection efficiency by using a large 3-inch (approximately 76mm) BGO crystal.



Maximum crystal
3 inch
Approximately
76mm

Specifications

Crystal	BGO scintillator, 3 inches × 3 inches (φ76mm×76mm)
Resolution	11.0% At the 662 keV peak of 137Cs
Case Material	Aluminum
External dimensions	φ84 × 210 (mm)
Weight	1905 g
Environmental conditions	Operating temperature 0 to 40°C, with no condensation (depending on the operating environment)
Accessories	<ul style="list-style-type: none"> • BGO scintillation detector (φ3 inches) • Test certificate
Optional	XB300P Pre-amplifier for XB300 (with cable included)

*Images is for illustration purpose.
*Please note that contents may change without prior notice.

