

# Product Datasheet

# SS500

## Scintillation Probe

The SS500 is a very sensitive end-window gamma scintillation probe.

Equipped with a  $\varnothing 1" \times 1"$  (25.4 x 25.4 mm) NaI(Tl) crystal, it is designed to provide cost effective measurement of gamma energies of 50 keV upwards.



## Specifications

General	
Operating Voltage	Typically 650 V
Detector Crystal	$\varnothing 1" \times 1"$ (25.4 x 25.4 mm) NaI
Window Weight	35 mg/cm <sup>2</sup>
Gamma Sensitivity	300 cps/ $\mu$ Sv/hr ( <sup>137</sup> Cs)
Energy Response	50 keV - 2 MeV
Dimensions	$\varnothing 2" \times 8"$ (44.5 x 205 mm)
Weight	300 g
Humidity	Up to 95% RH non-condensing

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