

# Sodium Iodide (NaI) Probe Specification

Kromek's 2x2" Sodium Iodide (NaI) Probe is part of our interchangeable probe collection, designed to easily slot into a range of our detection solutions.

With one-hand operation, small form factor and lightweight build, the detachable NaI probe can be used comfortably for prolonged periods of time: when monitoring narrow areas and completing a variety of scanning applications.

Operating as a smart probe, it is possible to store detector and calibration information directly on the device. Dose rate is also calculated on the probe, with its high sensitivity capable of dose detection up to 100 Sv/h, far exceeding any competing offerings.

The NaI probe is also compatible with Kromek's MultiSpect Analysis and all other spectral analysis softwares.

Detection Capability	Gamma
Device Size	274mm Max ø 70 mm Min ø 44 mm
Device Weight	710 g
Connection to Other Device	Via USB
USB Connection	USB C
Detector Material	NaI
Detector Material Size	2" x 2"
Detector Resolution	≤ 7.5%
Stores Calibration	On probe
High Dose Sensor	Multiple pin diode detectors
Energy Linearisation	On probe
Energy Calibration	On probe
Temperature Stabilisation	On probe
Dose Rate Calculation	On probe



*The highly sensitive NaI probe can be paired with our ruggedised RayMon, and swapped in and out with the detachable, high resolution CZT probe.*

*The result is a versatile toolkit, flexible in its application, and optimal for everyday use within a range of civil nuclear applications, such as health physics.*

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