



NOKI

TECHNOLOGIES

Noki Technologies, a privately-owned family business operating through two decades in the Nuclear Medicine and Nuclear Energy. Leveraging our expertise, we bring to the fore, Advanced Measurement & Automation Instruments. Our focus on innovation and precision drives us to deliver solutions tailored to the evolving demands of our clients.

X-WELL

WELL COUNTERS

Description

Hidex automated gamma counter with modern approach and convenience for nuclear medicine and PET applications. With our onboard balance, samples can automatically be weighed and results reported as activity per mass. This saves the operator valuable time and provides additional safety of correct results.



Technical Specifications

Data Analysis: Curve Fitting Options: Point-to-Point, Weighted Straight Line, Straight Line, Cubic Spline.

Graph Paper Formats: Linear-Linear, Semi-Log, Logit-Log.

Response Variables: CPM, %B/Bo, %CPM/HiSTD, K x (CPM/REF1). Supports calculations for RIA, IRMA, ratio, and screening assays.

Calibration: Simple calibration process with automatic high-voltage, zero, dead time, and linearity adjustments using a ^{57}Co source.

The system's 4096-channel analyzer ensures high accuracy and confidence in results.

Assay Printout: Plug in a serial printer for detailed assay printouts without the need for additional print drivers.

Software: Simple and intuitive software displayed in a menu format on a 4.5-inch backlit LCD screen.

Alphanumeric keypad enables quick data entry and system control.

Detector: Well-type NaI(Tl) crystal detector paired with a high-gain photomultiplier tube (PMT) for efficient gamma detection.

Shielding: 0.75" (19mm) virgin lead shielding for optimal radiation protection.

Analyzer: 4096-channel analyzer with automatic dead time correction.

Well Liner: Removable plastic well liner to prevent contamination of the detector.

Weight: 32 lbs (14.5 kg)

Power Supply: 100–240 VAC, 50–60 Hz

Display: 4.5-inch (11.25 cm) diagonal backlit LCD display.

Printout: Serial port connection for full-page serial printer (optional).

Keypad: Alphanumeric keypad for efficient input and operation.

Dimensions:

Base Unit: 10.5" (27 cm) W x 8.5" (22 cm) D x 10" (25 cm) H

Detector Unit: 6" (15 cm) D x 10" (25 cm) H

Key Features:

Data Processing

: Supports data reduction for RIA, IRMA, screening, and ratio assays.

Dual Label Counting

: Perform simultaneous dual label counts (e.g., Folate/B12) in a single measurement.

Automatic Adjustments

: High-voltage gain adjustments are automatic, minimizing the need for costly service interventions.

Self-Diagnostics

: Integrated system diagnostics ensure optimal performance and reduced downtime.

Isotope Spectrum Viewing

: View isotope spectra directly to prevent contamination and spilldown errors.

High-Efficiency Detector

: Well-type NaI(Tl) detector provides greater than 80% detection efficiency, reducing counting times.

LCD Display

: The backlit LCD display shows curves, spectra, and more, reducing the need for printed reports.

Memory Recall

: Automatically stores and recalls the most recent assay run.

Compact and Cost-Effective

: Space-saving design and budget-friendly pricing for laboratories with lower testing volumes.

Spilldown Correction

: Automatically subtracts spilldown when counting isotopes like I125 and Co57 simultaneously.

ENGINEER. EMPOWER. INNOVATE.



NOKI

Call Us

040-40180256

Address

Noki Technologies Pvt Ltd,
Module 202 B&C, NSIC, ECIL,
Hyderabad, India - 500062

E- mail

sales@nokitechnologies.com

Website

nokitechnologies.com