



# 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-DOSE

## DOSE CALIBRATOR

### Description

The X-Dose offers exceptional precision and consistency in dose measurements, utilizing a high-performance electrometer and a deep-well ionization chamber filled with ultra-pure Argon. The system is equipped with an intuitive HMI for easy access to results, full device control, as well as integrated quality control, data management, report generation, and label printing functionalities.



### Key Features

#### High-Precision Measurement

Microcontroller electrometer automates measurements, reducing errors effectively.

#### Large Touchscreen Display

Features a user-friendly interface for machine control and data display.

#### Extensive Calibration Storage

Stores calibration factors for over 100 isotopes and can store up to 200 isotope selections.

#### Pre-Set Geometries

Includes vial and syringe geometries, with options for user-defined calibrations.

#### PDF Report and Label Generation

Capable of generating patient and production reports, permanently stored in an SQL database.

**Data Management**

Data is saved in an SQL database, with USB export capability and TCP/IP interface for external systems.

**Password Protection:**

Two-level password protection (user and administrator) ensures security.

**External Interface**

Ethernet TCP/IP output for connection with external nuclear medicine management systems.

**Label Printing**

Supports label printing for easy documentation and tracking.

**HMI Software**

The control software can reside on any Windows PC, providing an intuitive interface for operations.

**RS232 and USB Ports**

Enables easy data transfer and integration with external devices.

## Technical Specification:

Ionization Chamber Type	13 mm max 230 pcs, and 28 mm max 72 pcs
Display	3 inch well type Nai detector
Calibration Storage	Cs-137 18%, I-129 58%
Geometries	15-2000 KeV

Database	55mm with up to 80 mm on conveyors side
Data Transfer	62/70/60 with balance 62/83/60
Password Protection	198kg ( w/o balance) 205kg ( with balance )
Dimensions	100-240 V / 50-60 Hz
Shielding	Sartorius analytical grade balance
Power Supply	110-230 VAC, 50/60 Hz.
Ports	RS232 and USB for data transfer.
Label Printing	Built-in capability for label generation

**ENGINEER. EMPOWER. INNOVATE.**



**NOKI**

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**Call Us**

040-40180256

**Address**

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

**E- mail**

[sales@nokitechnologies.com](mailto:sales@nokitechnologies.com)

**Website**

[nokitechnologies.com](http://nokitechnologies.com)