



NOVONUCLEAR PRIVATE LIMITED



NOVO-SCAN

The **NOVO-SCAN** unit is a multitasking two-step device designed for the detection and measurement of radioactive contamination, BETA and GAMMA, on potentially exposed personnel. It has been specifically designed for controlled areas

Applications:

- Consists of **27 plastic scintillators** for **beta and gamma radiation detection**
- Each scintillator works **independently and autonomously**
- Enables **simultaneous measurements** with different **alarm levels**
- System operation is **fully automated**
- Sensors detect **entry of a person into the portal**
- **Background measurement is automatically interrupted** upon entry
- Measurement starts automatically when the person is **correctly positioned**
- Performs a **thorough radiation scan** of the subject

Software

Industrial PC-based software with **Windows 11**
Fully automated operation and alarm handling
Digital configuration of gain, thresholds, energy windows
Zone-wise calibration through software
Real-time status display and event logging
Remote operation (TCP/IP) and **USB data export**
Customizable voice alerts
Multilingual **NOVO-SOFT** software (English)



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