

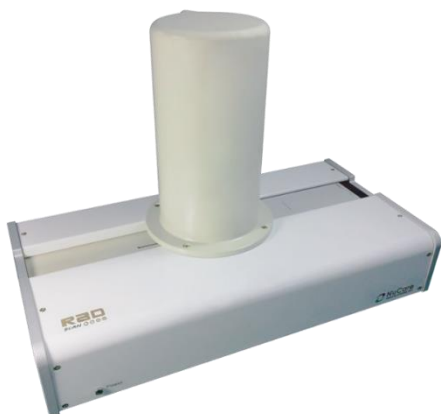
RAD Scan 200



Radio TLC Scanner

“Dual Function, Singular Precision”

Combining radio-TLC scanning and gamma spectroscopy in one compact system, RAD Scan 200 delivers accurate, efficient QC for both SPECT and PET radiopharmaceuticals—saving time, space, and cost.



The RAD Scan 200 is a compact, dual-purpose QC system that combines radio-TLC scanning and gamma spectroscopy in one versatile platform—ideal for both SPECT and PET radiopharmaceuticals. Designed for precision, efficiency, and ease of use, it streamlines quality control in modern nuclear medicine environments.

Powered by an integrated digital MCA and a fully programmable motorized stage, the RAD Scan 200 is driven by protocol-based application software that enables automated workflows tailored to each radiopharmaceutical.

This ensures consistent, reproducible results while saving time during busy clinical operations. Whether verifying radiochemical purity or identifying radionuclide contaminants, the RAD Scan 200 is the trusted choice for high-throughput nuclear medicine departments.

❖ Key Features

- Daily quality control of radiopharmaceuticals used in Nuclear Medicine procedures
- Full detector and data acquisition control via application software
- Spectroscopic analysis of radiopharmaceutical purity
- Variable scan speeds from 0.1mm/sec to 4mm/sec.
- Protocol-driven software package for QC, operation and calibration
- Database supports data extraction and reanalysis of stored data
- Integrated digital MCA with 4096 Channel resolution.
- Removable strip bed accommodates TLC strips up to 5x20 cm (2x7.9 inches) in size

❖ Specifications

Detector	Nal(Tl) (2×2 inch)	QA check	Cs-137 (~1uCi and ~10 uCi)
MCA	32 bit RISC, ARM [®] Cortex 4096 channel	Scan speed	0.1mm/sec - 4mm ¹⁾ /sec
Collimator	90(Ø)×76(H) mm, 30 mm thick lead alloy	Strip carrier	Accommodate up to 5× 20 cm strip
Resolution	6.5% ± 1% @ 662keV(Cs-137)	Power supply	110-230 V 50/60 Hz
Network	USB 2.0	Computer OS	Window XP or Window 7
Weight	23kg(50.7lb)	Dimensions	488(W)×244(D)×339(H) mm

❖ Application SW

The standard software provides a graphical user interface for TLC scan, gamma-ray spectroscopy, detector control, data acquisition, QA and database management. The provide factory programmed protocols may be supplemented by user defined protocols. The protocols provide automatic control of the detector scan, the acquisition as well as graphical display and analysis. QA is assured by the quality control procedure and trending analysis of the QA data as a function of time. The database option supports the extraction and re-analysis of all stored data.

