알파 트랙 라돈 분석기 Alpha Track Detector

용도 Applications

· 실내 및 작업 환경의 라돈 농도 측정
· 장기 라돈 측정
· 실내 라돈 측정 공정 시험 방법에 적합

특 징 Features

· 공정 시험 방법 주시험법 적용
· RCR-39 측정 방법
· BG tracks/mm^2
· 주당 1000개의 Detector 분석 가능
· 각 Detector 마다 ID 번호 부여 가능

Model : RSV-10

SPECIFICATIONS

Microscope Unit	
Imaging component	
Optical magnification	B&W CCD Camera
Object positioning	100x
Focusing	Automatic step-motor driven 3D movement
Feeding capacity	Automatic, image sharpness-based
Packaged weight	12 detectors
Dimension without package	25kg
Computer Unit	500mm x 500mm x 300mm
Architecture	IBM-Compatible PC with built-in special components
Operating system	Linux
Operational Characteristics	
Evaluation time per detector	average 60 sec
Track recognition capability	single and overlapping tracks, up to 150 tracks/mm2
Detector chip recognition	automatic dot code reading
Rodobath	
Etching substance	25% NaOH (sodium-hydroxide) solution
Etching temperature	90°C
Etching time	4hours
Number of detectors developed at the same time	432
Etching solution volume	5000g
Bath operation specialties :	temperature regulation, automatic liquid stirring
Other standard features	set of accessory items for solution handling
Power	90 to 240 VAC 50/60Hz
Packaged weight	8kg
Dimension without package	ø 250mm x 350mm
Raduet	
Type	Pair of detectors; Closed; Holder : Radosys-RSF
Detector position	2x1 Chip, fixed in pot section
Material	Conductive Plastics
Filter	Air-gap and/or conductive sponge filter at thoron channel
Dimensions	120mm x 70mm x 30mm