라돈 판독기

Radometer 2000

Reader is used to analyze the radon radioactivity detector indoor air

RSV - 10

사용용도 Applications

- 실내 공기 중 라돈방사능 검출기를 분석하기 위해 사용되는 판독기

제품특징 Features

- CR-39 검출소자를 가지는 알파비적검출기의 판독이 가능.
- 전용 트레이에 여러 개의 슬라이드가 동시에 설치가 가능.
- 현미경은 검출기 자동분석을 위한 소프트웨어가 탑재되어 있으며, 현미경 제어를 위한 컴퓨터가 내장되어 있음.
- 현미경은 정밀도가 높으며 비적 평가를 위한 최대 효율과 정확도를 가짐.
- 본 장치는 헝가리 RADOSYS사 제품으로 (주)한진이엔아이는 국내 AGENCY 협약 맺어 제품을 판매함.

시 스 템 사 양 Specifications

Model No :	RSV 10

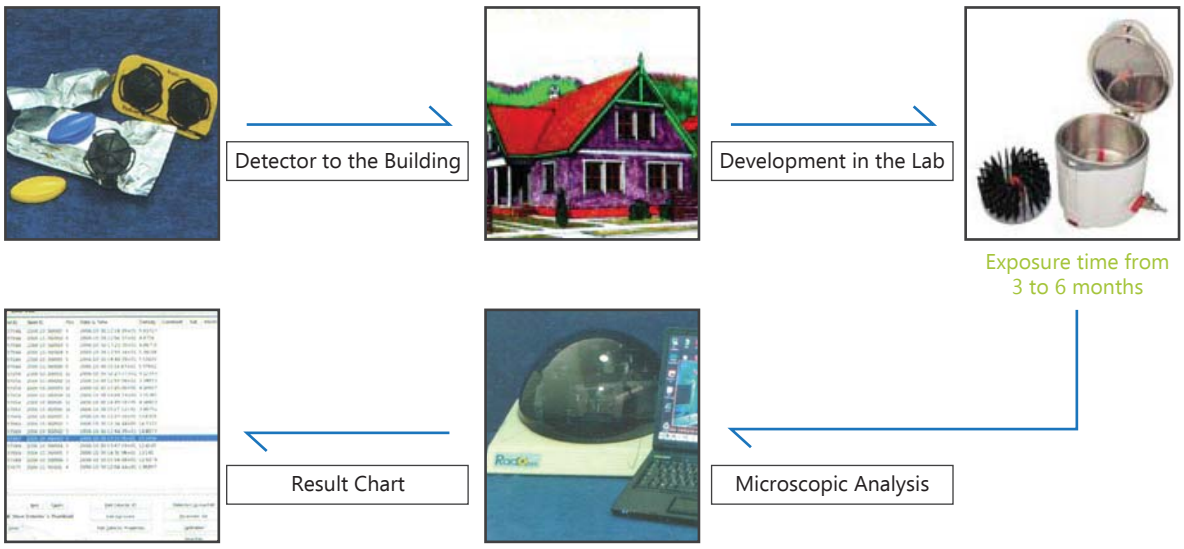
Microscope Unit	
Imaging component :	B&W CCD Camera
Auto-Feeder :	No
Optical magnification :	60x
Object positioning :	Automatic step-motor driven 3D movement
Focusing :	Automatic, image sharpness-based

Process	
Embedded computer with tablet user interface	
Operating System :	Linux

Operational Characteristics	
Recognition :	automatic dot code reading
Automatic Feeding chip capacity :	12 detectors
Process speed :	20 sec per detector
Packaged weight :	35 kg
Dimension without package :	500mm X 500mm X 300mm

분 석 과 정 Process

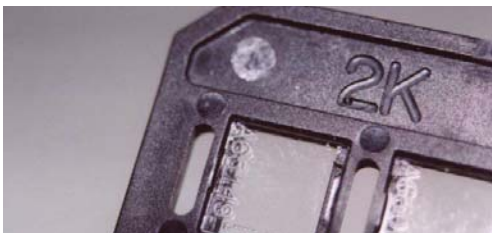
RADOSYS Operation With Large Scale Preview



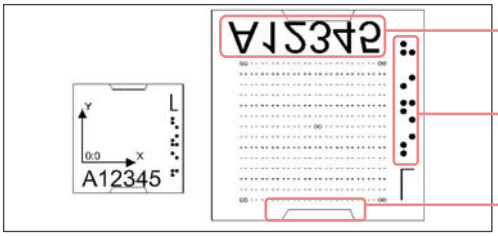
[The main sequence of indoor radon test process by the Radosys system]

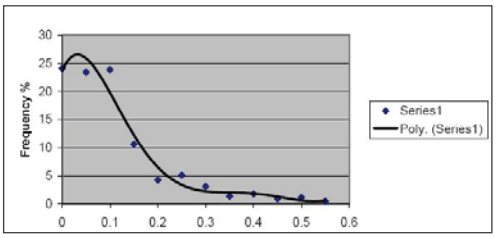
분 석 시 스 템 Analysis system

[RSV10 type automatic microscope for nuclear track counting]

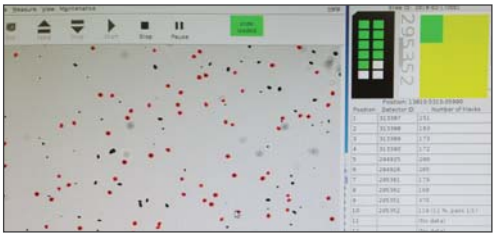


[RADOSYS brand PADC/CR-39 ships, with embedded ID codes for both visual and by-machine automatic reading]





[Low background detector chips]



[Application oriented, track recognition software]

[RB4 type nuclear track developing Etching Unit]

All these components together comprise a whole set of lab instrumentation dedicated to medium / large scale radon surveys.