Radosys... the complete radon survey solution

The evolution of the Radosys radon measurement system is continued.
The next piece in the evolution of the Radosys radon measurement systems has been born.
The concept is still the same. To provide top category instrumentation and service but for affordable price.
After 15 years and 120 system installations the Radosys system still comes with
the latest leading-edge technology and metrology performance.

Gladly introducing the new RSV10x system version...

... the 5th generation Radosys
... for radon monitoring and surveys and research.
... for neutron personal dosimetry. For routine monitoring and research.

RSV100 Microscope with auto-feeder unit is seen on the picture

Top new features:

- Enhanced repeatability less than 1%
- Reading engraved matrix code so providing ID code reading reliability in 100%
- Faster processing. Detector chip reading in 20 seconds.
- Automatic background control.
- Automatic track size correction with reference chip concept. (Adaptive track size recognition).
- Non-linear calibration so providing enhanced accuracy in wider range.
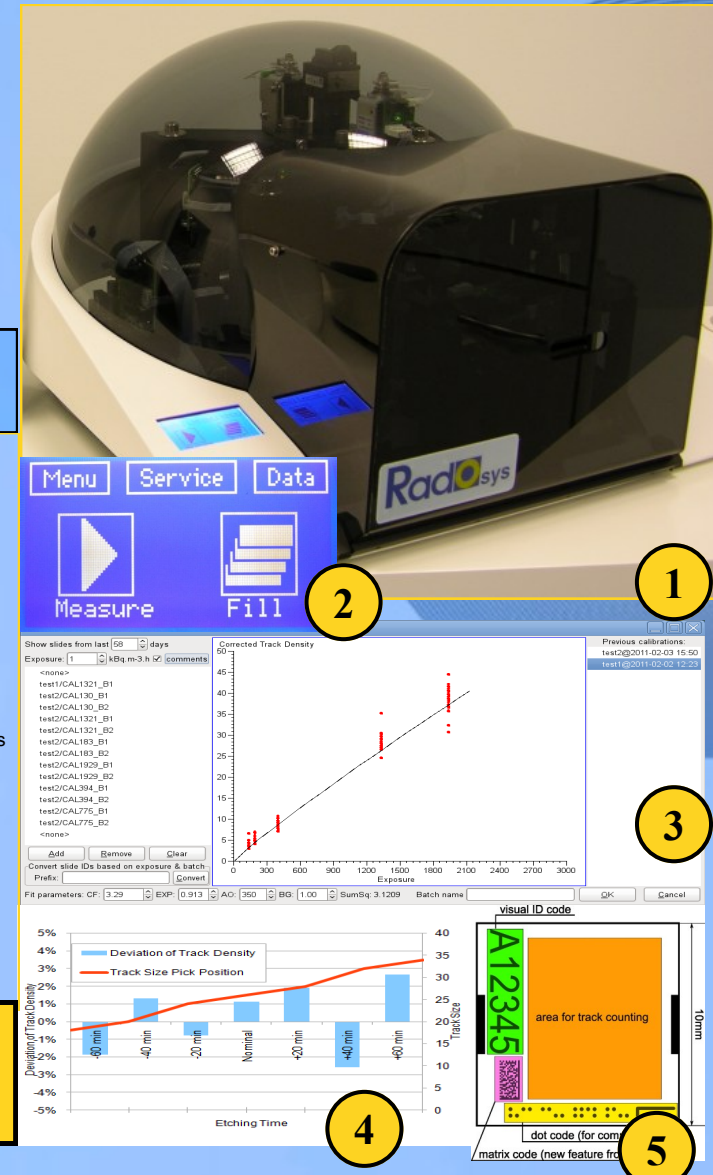- Compatibility with special detector types RSG and RADUET

New comfort features:

- Embedded system: no external computer is needed
- Completely autonomous operation
- Can be equipped with external screen, keyboard, mouse for more advanced operation
- Operator can also view data from any browser running on an other computer on the LAN
- Can seamlessly connect to company LAN through WiFi or cable
- Can be remote controlled by smart phone / tablet or from any browser
- In absence of LAN, can also create a WiFi hotspot
- Measurement data can be saved to flash disk by a single touch
- Data can be also viewed on smart phone or tablet
- Easy to use touch screen for all important functions

Built-In Computer Specification

- Embedded (Built-In) computer specification
- Intel® Atom™ D525 (2x1.8GHz)
- Integrated Intel® GMA 3150 graphics core
- Intel® ICH8M I/O controller hub
- 1GB DDR2 SDRAM
- 4GB SATA SSD hard disk (system files + measurement data + limited number of detector chip images)
- Upon request optional 320GB SATA hard disk to store images for prolonged period of time.
- 10/100/1000 Base-TX Ethernet interface
- VGA/CRT interface for external screen
- Four USB 2.0 interfaces for external keyboard, mouse, flash disk, etc.
- Configurable WiFi acess point to interconnect tablet or smart phone or notebook
- Linux OS

THE TABLET AND SMART PHONE COMPATIBLE RADOSYS SYSTEM VERSION

-RSV10 Model --- Analysis of 12 detectors by a single run

-RSV100 Model --- Equipped with autofeeder unit. Analysis of 240 detectors by a single run

See other novelty Radosys products too:

NanoBath, NanoReader, RadoBath, Radosys AutoFeeder Unit, Raduet

Radon / Thoron / Neutron Nuclear Track Detectors Automated Microscopy

RadOsys Dosimetric Microscopy

Dosimetric Microscopy Biodosimetry