Southern Scientific has a team of fully qualified service engineers, who support customers spanning the length and breadth of the UK. We can provide factory or on-site service as required, based on single visits, planned maintenance or full support under contract. We maintain a high level of spare parts, ensuring lifetime support capability.

Our systems group can offer its service for the larger installed equipment, from initial planning to installation, completion and commissioning. We can provide expert knowledge and experience, gained through involvement in a number of large-scale projects throughout the years.

Southern Scientific Ltd is certified to ISO9001:2008, ISO 13485:2003 and ISO 13485:2012 representing the high level of quality assurance and management that we provide at every stage of the supply process, whether a product is distributed on behalf of our trusted manufacturers or constructed in our UK workshop. This accreditation means that our customers can place an order knowing that the delivered product will be suitable for its intended use, fully compliant with EU legislation and in full working order.

All our products are CE marked.

AlphaE

The AlphaE is an ultra-small continuous radon monitor for fast time-resolved radon monitoring in buildings, castles and as well as in mines.
- Time-resolved measurement for the exact determination of value.
- Measurement from 20 Bq/m³ to 10 MBq/m³ (0.54 pCi/l to 270 nCi/l).
- Up to 6 months battery life.
- Acoustic alert for radon concentration and dose.
- Lightweight.

DataVIEW

DataVIEW is a user friendly PC application for data collection, analysis and visualization:
- Designed for use with MiniTRACE, RadTRACE and AlphaE. Additionally, data can be read from other instruments such as GammTRACE and AlphaGUARD.
- Direct export to Excel.
- Generates customized reports.

Service and Support

ISO Certified

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Radon Monitoring Systems

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All our products are CE marked.
Southern Scientific provide radon monitoring instruments, software and accessories produced by leading manufacturers Saphymo and Pylon.

**AlphaGUARD**
AlphaGUARD is a portable, battery- or net-operated high storage capacity radon monitor.
- High sensitivity and fast linear response at 2 to 2,000,000 Bq/m$^3$, 5 cpm to 100 Bq/m$^3$,
- 0.05 to 54,000 pCi/l, 5 cpm at 3 pCi/l.
- Multi-parameter features.
- Long term stable calibration.
- Maintenance-free operation.
- Direct RS232 or USB interface to DataEXPERT, options for remote transmission.

**AlphaPM**
The AlphaPM radon progeny meter is an active monitor with high sensitivity which measures the activity of airborne radon progeny in real-time.
- High sensitivity 130 pulses/h at 1 Bq/m$^3$ (0.03 MeV/cm$^3$).
- Quasi-continuous sampling in 10 min. intervals.
- Sensitive semiconductor (PIPS).
- Optimised for easy accurate performance.
- Data stored in connection with AlphaGUARD PQ2000 Pro.

**AquaKIT**
AquaKIT is an optional accessory to the radon monitoring systems AlphaGUARD PQ2000 PRO. In combination with the radon monitor and an electric pumping unit (AlphaPUMP or LabPUMP) the AquaKIT allows the radon concentration in water samples to be determined directly and precisely.
- Portable for laboratory and field measurement.
- Heat resistant active coal filter cartridge for minimising the radon background prior to precision measurements.
- Comprehensive range of accessories.

**Soil Gas Probe**
The soil gas probe is perfect for sampling and continuous monitoring of radon. Suitable for manual as well as automatic driven procedures, the rechargeable drilling tip and the aqua-stop filter ensure easy and safe sampling.
- Screening measurement (sampling).
- Easy to use.
- Cost-effective.

**Pylon AB6**
The Pylon AB6 Portable Radiation Monitor is a laboratory grade instrument which provides fast, accurate measurement of alpha and beta levels. Robust and portable, it incorporates advanced technology and user-friendly features for enhanced performance and sensitivity.
- Compact, lightweight with a rechargeable battery and built-in PMT.
- Multiple detectors interface with internal PMT, enabling variety of measurements.
- LCD Touch Screen offers increased visibility and data entry options.
- Host and client USB interfaces provide fast, efficient data transfer.
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**AlphaGUARD**

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- Long term stable calibration.
- Maintenance-free operation.
- Direct RS232 or USB interface to DataEXPERT, options for remote transmission.

**AlphaPM**

The AlphaPM radon progeny meter is an active monitor with high sensitivity which measures the integrated airborne radon progeny concentration in parallel to the radon gas.

- High sensitivity 130 pulses/h at 1 Bq/m$^3$ (0.03 MeV/cm$^3$).
- Quasi-continuous sampling in 10 min. intervals.
- Sensitive semiconductor (PIPS).
- Optimised for easy accurate performance.
- Data stored in connection with AlphaGUARD PQ2000 Pro.

**AquKIT**

AquKIT is an optional accessory to the radon monitoring systems AlphaGUARD PQ2000 PRO. In combination with the radon monitor and an electric pumping unit (AlphaPUMP or LabPUMP) the AquKIT allows the radon concentration in water samples to be determined directly and precisely.

- Portable for laboratory and field measurement.
- Heat resistant active coal filter cartridge for minimizing the radon background prior to precision measurements.
- Comprehensive range of accessories.

**Soil Gas Probe**

The soil gas probe is perfect for sampling and continuous monitoring of radon. Suitable for manual as well as automatic driven propeller, the exchangeable drilling tip and the aquestop filter ensure easy and safe sampling.

- Screening measurement (sampling).
- Easy to use.
- Cost effective.

**Pylon AB6**

The Pylon AB6 Portable Radiation Monitor is a laboratory grade instrument which provides fast, accurate measurement of radon levels. Robust and portable it incorporates advanced technology and user-friendly features for enhanced performance and sensitivity.

- Compact, lightweight with a rechargeable battery and built-in INM.
- Multiple detectors interface with internal INM allowing variety of measurements.
- LCD Touch Screen offers increased visibility and data entry options.
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Radon monitoring systems for lab or field applications

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Service and Support

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Radon Monitoring Systems

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- Generates customizable reports.