

RADI-Count Services:

A Complete users' manual and a practical guide is provided with the kit.

Assembling and operational data are presented in the guide.

The device is covered in a limited time hardware and software warranty.

After sales services (calibration, repairs and extensions) are available in SLAEB.*

Spares (GM probes, source chamber apparatus and sources) are also available in SLAEB.*

Operator/instructor training programs will be arranged by the SLAEB on request.

* conditions apply

RADI-Count Kit Includes:

01 Digital Scalar Unit
01 Source Chamber
01 GM Detector
01 HV Cable
03 Monazite Source Pellets
01 Power Adaptor (12 V)
01 USB Interface Cable
01 Radi-Count PC Interface Software
01 Users' Manual and Practical Guide
Secondary Standard Dosimetry calibration certificate

RADI-Count is specially designed for low-energy, low-dose measurements. The included Monazite source pellets contain naturally occurring radioactive particles (Thorium) in very low concentrations. Therefore, they are not bio-hazardous with external use.

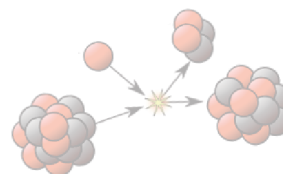
Features:

- Fully digitalized operation
- Variable HV supply (0 - 1000 V)
- Precision timing
- User-friendly LCD Display
- USB/RS-232 interface
- interactive Graphical User Interface (GUI)
- α , β and γ sensitive end-window GM tube
- ISO/IEC compatibility



RADI-Count Kit Experiments & Demonstrations:

- Alpha, Beta and Gamma detection
- Radiation exposure rate
- Counting statistics
- GM probe characteristics
- Optimum HV selection
- Half value thickness
- Dead-time calculation
- Back scattering
- Effects of shielding



Technical Collaboration:



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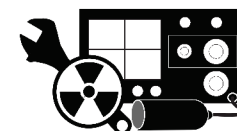
RADI SLAEB
COUNT

DIGITAL GEIGER-MÜLLER COUNTER KIT

RADI-Count is an educational purpose nuclear instrument, designed and developed by the Nuclear Instrumentation Laboratory of

Sri Lanka Atomic Energy Board.

It is a complete demonstration kit that can be used for a number of nuclear physics experiments.



RADI-Count units are now available at the Nuclear Instrumentation Laboratory of Sri Lanka Atomic Energy Board. Reserve your unit via given contact details.