HIDEX

Hidex Automatic Gamma Counter

Your research is important to us

Our long standing tradition of user oriented design philosophy gives you a chance to focus on your work.

With our touchscreen operated software and application focused design features we guarantee effortless work flow with results simply at your fingertip.

Hidex is proud to introduce a new automatic gamma counter specifically designed to meet the needs of modern laboratories.

Convenience for nuclear medicine and PET

Never before has there existed a gamma counter dedicated to Nuclear Medicine and PET applications. With our optional onboard balance, samples can automatically be weighed and results reported as activity per mass or volume. This saves the operator valuable time and provides additional safety of correct results.

For short lived isotopes we offer an optional foot pedal for precise timing of the sampling. The software automatically calculates decay corrected activities.

Sophistication for radiation protection

The 3 inch NaI crystal provides superb counting efficiency and our optimized lead shielding ensures low background and minimal interference from samples on the conveyor. Hidex automatic gamma counter is also equipped with a powerful multichannel analyzer for detailed spectrum analysis. With our software, users can enter their own calculation functions for automatic reporting of results.

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Specifications:

- 640 mm (Width), 700 mm (Depth) 600 mm (Height)
- Weight: 205 kg
- Lead shield thickness: 55 mm, but 80 mm on conveyor side.
- 3 inch Ø NaI crystal.
- Energy range: 15-2000 keV
- Linear multichannel analyzer with 2048 channels.
- Sample quantity: 250 pcs. for max. 13 mm. diameter vials and 78 pcs. for max. 28 mm diameter.

Optional features:

- Sample Balance
- Foot pedal for decay time correction

Products

HIDEX 300 SL
A very compact automated TDCR Liquid Scintillation Counter featuring absolute activity/DPM without external radioactive standards enabling a wide variety of applications.

Automatic TDCR Liquid Scintillation Counter

Super Low Level TDCR Liquid Scintillation Counter

RADIOWATER GENERATOR
An automated production system for ^{15}O-labelled H_2O for Positron Emission Tomography studies.

TRIATHLER
A single-sample counter, which provides fast and accurate results for several life science and environmental applications, measuring all radioisotopes including tritium in a variety of sample formats.

LSC

Luminometer

Gamma Counter

HIDEX SENSE
The Hidex Sense microplate reader is loaded with several unique innovative features to provide full flexibility at top performance. With touchscreen operated software and the compact application ready microplate reader, we turn your applications into results, simply at your fingertip.

About Hidex

Hidex is a family owned high technology company which develops and manufactures high performance analysis equipment for life science research, nuclear measurements and nuclear medicine. Our products utilize modern technology and excellent tradition of workmanship. With strong links to the scientific community we continue to innovate and develop to improve scientific research and safety of everyday life.

Contact us

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