

Hidex AMG

Automatic Gamma Counter



A newly developed automatic gamma counter with optional internal balance specifically designed for nuclear medicine applications.

The Hidex AMG offers features such as an internal balance option, live spectrum display and touchscreen interface to deliver effortless work flow and quick results simply at your fingertips.



EXPERIENCE & EXPERTISE

Exceptional Performance

An optimal lead shield design and a single 3" NaI well-type crystal detector provide superb counting efficiency, low backgrounds and minimal interference from samples on the conveyor. The Hidex AMG is also equipped with a powerful multichannel analyser for detailed spectrum analysis and live spectrum display.

Convenience for Nuclear Medicine and PET

An optional onboard balance means samples can be weighed automatically and results reported as activity per mass or volume. This saves the operator valuable time and prevents transcription errors.

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

All results, raw data and calculated data can be exported directly at the touch of a button.

Specifications

- **Dimensions:** 25" (width) x 27" (depth) x 23" (height).
- **Weight:** 451 lbs
- **Lead Shield Thickness:** 2" (3" on conveyor side).
- 3" Ø NaI well type crystal.
- **Energy Range:** 15 - 2000 keV
- Linear multichannel analyzer with 2048 channels.
- **Sample Capacity:** 250 pcs. for max. 0.5" diameter vials or 78 pcs. for max. 1" diameter (or a mixture of the two).

Optional Features

- Sample Balance (4 decimal).
- Foot pedal for decay time correction.
- Barcode Reader.



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