

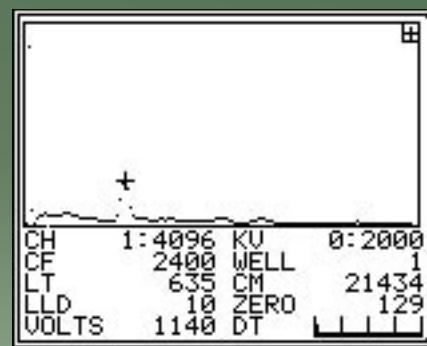
The Genesys Genii™ HE

Higher Energy Gamma Counters



High Efficiency Counting for Energetic Isotopes.

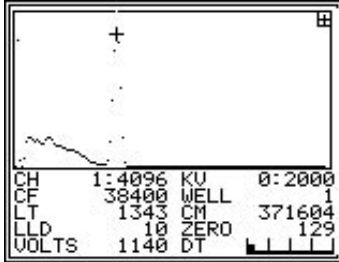
- Large, 2 x 2 inch well-type NaI(tl) detectors
- Choice of 1, 2 or 3 detector models
- 4096 channel (12 Bit) analyzer for superior spectral plotting
- User selectable counting windows up to 2 MEV
- Automatic calibration for long term stability
- Heavily shielded for maximum background reduction
- Exclusive E-Lead™ eliminates crosstalk in multi-well units
- Complete data reduction software to handle any application
- Quality control software with Levey-Jennings plots
- Interface ports; connect to a Mac, PC, Unix/Linux or LIS
- System self diagnostics



*NA-22 Spectrum
Peak at 511KeV*

Since 1983, LTI has been a leader in the gamma counter market. More leading laboratories worldwide have come to rely on the Genesys series due to its superior quality, accuracy and day to day reliability. Now with the **Genesys Genii™ HE** we deliver these outstanding qualities in a compact, low cost, high energy gamma counter.

High energy gamma counter

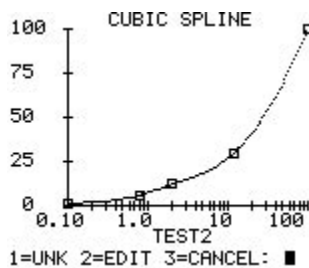


The Genesys Genii HE is the compact and economical solution for high energy needs. Heavy lead shielding reduces background levels to increase sensitivity and lower the limit of detection.

For laboratories counting smaller numbers of high energy samples, pressed for bench space, or working within a tight budget the **Genesys Genii™ HE is the answer.**

Unique E-Lead™ eliminates crosstalk between detectors. Now you can count multiple samples simultaneously without the fear of crosstalk. Outstanding results in 1/2 to 1/3 the traditional time.

Data Reduction



Curve Fits: point to point, weighted straight line, straight line, cubic spline, four parameter logistic

Graph paper: Linear-Linear, Semi-Log, Logit-Log, Log-Log

Response Variables: CPM, %B/Bo, %CPM/HiStd, $K \times (CPM/REF1)$.

The power and flexibility to calculate RIA, ratio and customized research assays.

Interfacing

Interface ports allow the user to quickly and easily connect the **Genesys Genii™ HE** to any Mac, PC, Unix/Linux or LIS computer.

Archive valuable assay results, output to spreadsheet or custom process your data, the **Genesys Genii™ HE** makes it simple.

Specifications:

Detectors:

Well-type, 2"x 2" NaI(tl) 1,2 or 3 detector models

Background:

Less than 40 CPM for Cs137 Window

Analyzer:

4096 Channel (12 bit) MCA with automatic dead time correction

Well Liner:

Removable plastic well liner
Prevents detector contamination.

Display:

High resolution, long life backlit LCD

Printout:

Compact 80 column printer standard, or user may choose a full size printer

Keypad:

Alphanumeric

Dimensions:

20" W x 10.5" H x 13.5" D
51cm x 27cm 34cm

Weight:

105 lbs. / 48 kg

Electrical:

VAC: 110/120 or 220/240
Frequency: 50/60 Hz
AMP: .5/2.5



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