

CAPRAC[®]-t Wipe Test/Well Counter

No other well counter offers the speed, accuracy and built-in features of the CAPRAC[®]-t!

The CAPRAC[®]-t allows the user to define specific counting procedures (protocols) with trigger levels for work, patient, unrestricted areas and sealed source leak tests. The CAPRAC[®]-t also performs counting functions for wipe tests in as little as 6 seconds at activities as low as 1 nCi. Low activities are measured with a drilled well high sensitivity Sodium Iodide (NaI) detector.

The well counter includes a 256 channel MCA which provides detailed spectrum for identification and analysis. Manual and automatic ROI selection available.

The CAPRAC[®]-t provides a menu driven, touch screen interface that is easy to learn and use.

User-defined protocols trigger levels, and counting times are simple to perform. The CAPRAC[®]-t's 256-channel pulse-height analyzer for energy discrimination gives preliminary isotope identification through gamma spectroscopy. Definable conversion factors for specific radionuclides allow the CAPRAC[®]-t to calculate results in cpm, dpm, nCi, cps, dps, or kBq. It also displays photon energy histograms.

Count on Capintec not only for excellence in energy measurement, but for our unsurpassed customer service and training and support!

- Meets all state and NRC wipe test requirements
- NaI drilled-well crystal detector
- Sets user definable protocols for wipes
- Automatic Energy Calibration and Background Subtraction
- Prints out hard copy records of all data for permanent records with the optional printer
- Direct readouts are in CPM, DPM, Curies and Becquerels with gamma energy histograms
- 8" VGA touch screen color display
- USB/PC Communications
- USB printer capability
- Compatible with nuclear medicine information management systems
- 256 channel MCA with detailed spectrum for identification analysis
- Lab tests include Schillings, Plasma and RBC volume
- User-definable protocols for wipe testing
- Automated well QC including c^2 and MDA
- Manual and Automatic ROI



Console Dimensions

- Height: 42cm (9.5in)
- Width: 23cm (9.0in)
- Length: 27cm (10.5in)
- Weight: 3.4kg (7.5lb)

Well Counter Dimensions

- Height: 23.8cm (9.38in.)
- Diameter: 15.2cm (6in.)
- Weight: 6.9kg (15.2lb.)
- Well Diameter: 1.7cm (.67in.)
- Well Depth: 3.8cm (1.5in.)
- Cable Length: 2.7m (9ft.)

¹: Longer cables are available. Consult factory.

CAPRAC[®]-t Wipe Test/Well Counter

Well Detector

- Type: Sodium Iodide (NaI) drilled-well crystal detector
- 256 Channel MCA, manual and automatic ROI
- Warning Trigger Levels: User-definable
- Tests: Daily test, energy calibration, and reproducibility
- Enhanced QC includes χ^2 and MDA

Display Screen

- Type: 8" VGA LCD color touch screen display
- Bq/Ci Reading: User selectable or fixed
- Activity Display: Selected radionuclide, calibration number, measured activity and display units (Bq/Ci)
- Count Rate Values: Wipe and lab test results

Standard Source Data

- System Memory: Ba-133, Cs-137
- Efficiency for commonly used isotopes

PC Port

- Interface: RS-232 and USB
- Compatibility: Standard nuclear medicine management systems

Printer

- RS-232 & USB Ports
- Epson Roll, Epson Slip or Okidata dot matrix

Power Requirements

- 100-240 VAC (50/60 Hz) 100 MA

Tests

- Diagnostics: Full test of program, system memories

Cable

- Printer (Optional): 1.8m (6ft)
- Power: 1.8m (6 ft)

Optional Components



Auxiliary Shield:
Item #5420-2116



CRC[®] Remote Display:
Item #5130-2224



Epson Roll Printer:
Item #5430-0058



Epson Ticket Printer:
Item #5430-0100



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