

CAPRAC[®]-t Wipe Test/Well Counter

No other well counter offers the features, capabilities and easy to learn user interface of the CAPRAC[®]-t!

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

The well counter includes a 256 channel MCA for energy discrimination and displays a detailed photon energy spectra for isotope identification and analysis. Automatic and manual ROI selections are available. Definable efficiencies for specific radionuclides allow the CAPRAC[®]-t to calculate results in cpm, dpm, nCi, cps, dps or kBq.

The CAPRAC[®]-t allows individual user defined counting protocols and trigger levels for work, patient, unrestricted and sealed source wipe tests. The high sensitivity drilled Sodium Iodide (NaI) well detector performs counting functions for activities as low as 1 nCi in as little as 6 seconds.

Count on Capintec for excellence in energy measurement and unsurpassed customer service and training support!

- 8" VGA touch screen color display
- 256 channel MCA with detailed spectrum for identification analysis
- NaI drilled-well crystal detector
- Automatic Energy Calibration, Reproducibility Check, and Background Subtraction
- Automated well QC including chi-square and MDA
- Manual and Automatic ROI
- Sets user definable protocols for wipes
- Print outs of all data for permanent records with the optional printer
- Direct readouts with spectrum display are in cpm, dpm, Curies and Becquerels
- Meets all state and NRC wipe test requirements
- USB and RS232 communication ports for printer and PC
- Compatible with nuclear medicine information management systems
- Lab tests include Schilling, Plasma and RBC volume
- Built-in database for test and wipe results as well as QC



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: Item #5430-3136

CAPRAC[®]-t Wipe Test/Well Counter

Well Detector

- Type: 1 1/2" Sodium Iodide (NaI) drilled-well crystal detector
- 256 Channel MCA, manual and automatic ROI
- Trigger Levels: User-definable
- Automated Calibration and Background Subtract
- QC tests: Reproducibility, Chi-square, MDA

Display Screen

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

Standard Source Data

- System Memory: Cs-137, Eu-152
- 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)

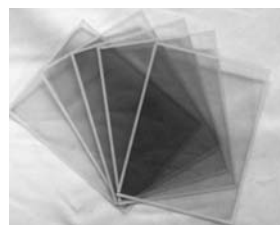
Optional Components



Auxiliary Shield:
Item #5420-2116



Okidata 120V Printer:
Item #5130-0074
Okidata 220V Printer:
Item #5130-1150



Protective Screen Covers:
Item #7900-0352



Epson Roll Printer:
Item #5430-0058

9282-0009 Paper Rolls, 3" x 128', White, 10/pkg.
9282-0010 Paper Rolls, case of 50