

Two Products in One Compact Package...

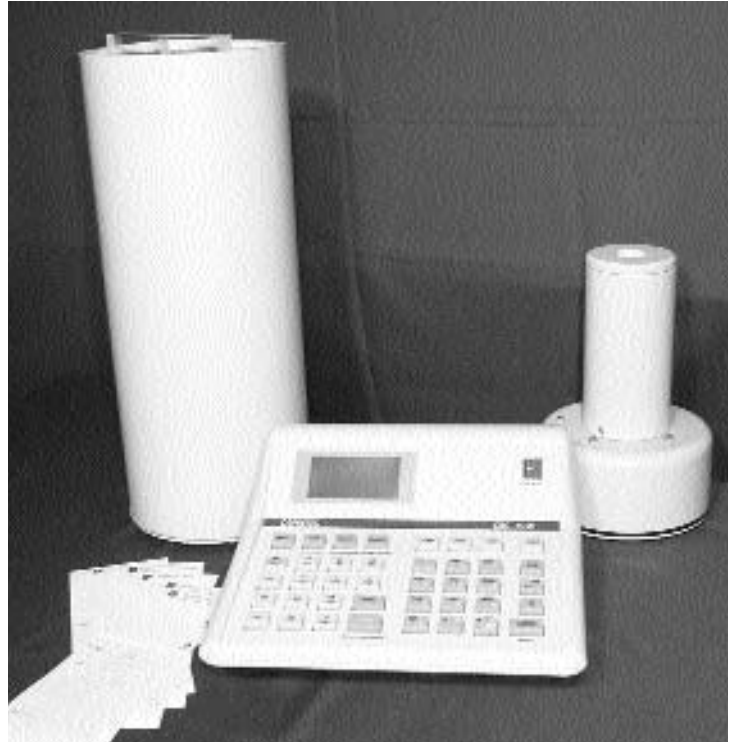
CRC[®]-15W Dose Calibrator/Well Counter

The Capintec CRC-15W has a little of this and a whole lot of that. The CRC-15W is an innovative combination of the tried and true CRC-15R Dose Calibrator and the CAPRAC-R Well Counter. One compact package allows you to accurately measure your patient doses, achieve regulatory compliance for detection of contamination and perform lab tests.

The console of the CRC-15W is an efficiently designed control center, with its custom alphanumeric keyboard the user can toggle between the dose calibrator and well counter with the push of a button. There are 9 factory assigned nuclide keys and 5 unassigned nuclide keys that can be programmed by the user. There is a large LCD display that when operating as a dose calibrator will show the isotope, activity and calibration number; when operating as a well counter will show CPM, DPM or the 6-channel pulse height analyzer.

The ionization chamber of the CRC-15W has 1/8" (3.2mm) mechanically reinforced lead shielding. The chamber is a sealed thin wall, deep well design with high pressure Argon gas in order to achieve optimal speed of response (within 2 seconds) without having to make temperature or pressure adjustments.

The well of the CRC-15W is 1/2" lead shielding with a drilled, high sensitivity Sodium Iodide (NaI) crystal. The well crystal is sensitive enough to measure activities as low as 1 nCi in as little as 6 seconds.




All of the functions of the CRC-15W are controlled through the menu driven software program. There are built in Daily QC functions and self-diagnostics for both the dose calibrator and well counter, including autocalibration of the well. There is a library of over 80 nuclides with half-lives. The wipe tests can be divided into restricted, unrestricted, general and sealed sources, with specific trigger levels for each.

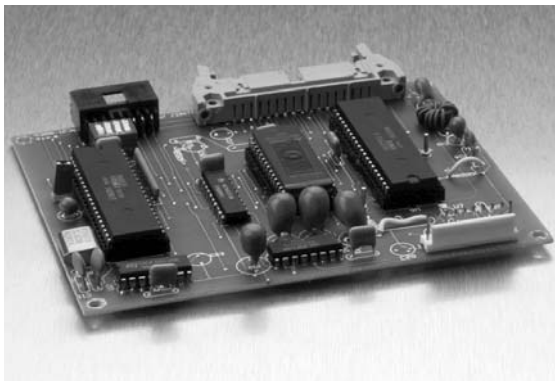
As always Capintec's unsurpassed technical support and service team backs it up.

15W SPECIFICATIONS

15W FEATURES

- ★ Capintec quality and reliability
- ★ Microprocessor controlled
- ★ Large LCD display for nuclide data, activity (in Ci or Bq) and calibration number
- ★ Daily QC functions, including zero adjust, background subtraction, system test, accuracy (with deviation percentage) and constancy
- ★ Autocalibration of the well
- ★ Library of over 80 nuclides with calibration number and half-life and room for 10 additional nuclides
- ★ Auto ranging
- ★ Max activity up to 6.5 Ci of Tc-99m
- ★ Schillings, Dicopac and blood volume lab tests
- ★ User defined wipe test protocols
- ★ 6-Channel pulse height analyzer
- ★ Sealed, high pressure gas filled ionization chamber (no temperature or pressure corrections required)
- ★ High sensitivity, drilled NaI well crystal
- ★ Menu driven programming for easy navigation
- ★ An unsurpassed technical support and service team
- ★ 

- Ionization Chamber: Thin wall, deep well, high-pressure Argon gas[26cm (10") deep x 6cm (2.5") dia. opening]
- Chamber Shielding: 1/8" (3.2mm) mechanically reinforced lead
- Measurement Range: Autoranging, up to 240 GBq (6.5 Ci) Tc 99m max.
- Resolution: 0.001 MBq (0.01 µCi)
- Electrometer Accuracy: Better than ± 2%,
- Linearity: Within ± 2%
- Response Time: Within 2 seconds, For very low activity 4 to 16 sec. (user selectable)
- Calibration Key: Over 200 Nuclides
- Nuclide Keys: 9 pre-set and 5 user defined
- Printer Interface: Provided for serial printer
- System Memory: Over 80 Nuclides (w/ CAL number and half-life)
- Well detector: Drilled Sodium Iodide (NaI) crystal detector, Max count rate 60,000 cps
- Energy Discrimination: Fixed range MCA; channel windows are 15-100, 100-200, 200-400, 400-660, 660-800 and >800 keV
- Warning Trigger Levels: User-definable
- Power Requirements: 100-240 VAC 50/60, Hz 150mA
- Display Unit Dimensions: 12.1 x 25.4 x 26.7cm (4.75" x 10.0" x 10.5") Weight: 2kg (4lb)
- Chamber External Dimensions: 41.8 x 16.8cm (16.4" x 6.6") Weight: 15.6kg (34.3lb)
- Cables: 8' long on the chamber and 9' long on the well
- Metal cable connectors with thumb screws
- No battery required



Option: RS-232-R Serial Port see page

OPTIONS

CRC-AD15 Auxiliary Display	5130-2082
RS-232-R Serial Port	5130-0080
Okidata Printer	5130-0074
Epson Roll Printer	5430-0058
Epson Ticket Printer	5430-0100

ITEM #	DESCRIPTION
5130-3113	CRC-15W Calibrator