

CRC®-55tR Dose Calibrator



Color LCD Touch Screen

- Large easy to read display
- Menu-driven 8" VGA LCD color touch screen interface that is easy to learn and use

Enhanced Software

- Supports dual chamber technology

Versatility

- Entering data through the custom touch screen interface is fast
- 28 programmable keys, 80 nuclides

Streamlined Quality Assurance

- Built-in dose calibration, quality control and self diagnostics
- Automated QC including constancy, geometry and linearity programs

One Year Warranty - US Only



SPECIFICATIONS:

Ionization Chamber: Type: Thin wall, deep well, high pressure Fill Gas: 12 atm Ultra Pure Argon	Nuclear Data: Nuclide Keys: 28 programmable keys System Memory: Over 80 nuclides (cal number and half-life)
Measurement Range: Type: Auto Ranging Activity: 250 GBq (6 Ci), max. Resolution: .001 MBq (.01 µCi), max.	Standard Source Data: System Memory: Co-57, Co-60, Ba-133, Cs-137 Standard Sources Molybdenum-99 Assay: Methods: Canisters or CAPMAC® Measured Values: Mo-99 elution, Tc-99m, Tc-99m/Mo-99 Ratio
Display Screen: Type: 8" VGA LCD color touch screen display Format: Direct reading in Bq or Ci Bq/Ci Reading: User selectable or fixed Values Displayed: Nuclide name (Atomic symbol, Mass number), calibration number	PC Port: Interface: RS-232 & USB Optional Printer: Interface: RS-232 & USB Type: Epson Roll, Epson Slip or Okidata full size dot matrix Printing Options: Full size test reports or measured results on tickets
Electrometer: Accuracy: Better than ± 2% Linearity: Within ± 2% Response Time: Within 2 sec., 4 to 16 sec. for very low activity samples	Power Requirements: 100-240 VAC (50/60Hz) 90 MA Console Dims: Height: 9.5 in Width: 9 in Depth: 10.5 in Weight: 7.5 lb
Repeatability: Within ± 1% within 24 hours, during which time the calibrator is on all the time	Chamber Dims: Height: 17.25 in Weight: 30 lb Diameter: 6.76 in Cable Length 12 ft (longer cables available) Well Dia.: 2.4 in Well Depth: 10 in
Tests: Diagnostics: Full Test of program, system memories Daily: Auto Zero, Auto Background Adjust, Data Check, Accuracy and Constancy, Voltage Test Enhanced: Linearity, Geometry, Strip QC	Cables: Power: 6 ft Printer: 6 ft

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Dose Calibrator

Includes: Ionization chamber, display screen, PC port, chamber well insert & syringe dipper

Optional Accessories:

086-241	Replacement Chamber Well Insert
086-240	Replacement Vial/Syringe Dipper
008-015	60CC Syringe Dipper
PTI-PS	Positron Shield for Dose Calibrator Chamber
34-210	Calicheck Linearity Kit
086-242	Vial / Syringe Dipper
086-2020	20cc Syringe Dipper
5130-0006	Moly Assay Shield, Vial, .3" Lead
5130-2046	CAP-MAC-S Moly Assay Canister for Syringes
5430-0058	Epson Roll Printer
5430-0100	Epson Ticket Printer
CRP-200	Dose Tickets & Labels, 250/pk
0670-0016	Test Tubes for Samples, 250/pk
0670-0022	Test Tube Rack
7900-0352	Screen Protector, 5/pk
9501-0023	12 Month Manufacturer's Service Contract After Warranty

Dose Calibrator Accessories, refer to page 5