

## 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

Two Year Warranty - US Only



### SPECIFICATIONS:

<p><b>Ionization Chamber:</b> Type: Thin wall, deep well, high pressure Fill Gas: 12 atm Ultra Pure Argon</p> <p><b>Measurement Range:</b> Type: Auto Ranging Activity: 250 GBq (6 Ci), max. Resolution: .001 MBq (.01 µCi), max.</p> <p><b>Display Screen:</b> 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</p> <p><b>Electrometer:</b> Accuracy: Better than ± 2% Linearity: Within ± 2% Response Time: Within 2 sec., 4 to 16 sec. for very low activity samples</p> <p><b>Repeatability:</b> Within ± 1% within 24 hours, during which time the calibrator is on all the time</p> <p><b>Tests:</b> 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</p>	<p><b>Nuclear Data:</b></p> <p><b>Standard Source Data:</b></p> <p><b>Molybdenum-99 Assay:</b></p> <p><b>PC Port:</b></p> <p><b>Optional Printer:</b></p> <p><b>Power Requirements:</b></p> <p><b>Console Dims:</b></p> <p><b>Chamber Dims:</b></p> <p><b>Cables:</b></p>	<p>Nuclide Keys: 28 programmable keys System Memory: Over 80 nuclides (cal number and half-life)</p> <p>System Memory: Co-57, Co-60, Ba-133, Cs-137 Standard Sources</p> <p>Methods: Canisters or CAPMAC®</p> <p>Measured Values: Mo-99 elution, Tc-99m, Tc-99m/Mo-99 Ratio</p> <p>Interface: RS-232 &amp; USB</p> <p>Compatibility: Standard Nuclear Medicine Management Systems</p> <p>Interface: RS-232 &amp; USB</p> <p>Type: Epson Roll, Epson Slip or Okidata full size dot matrix</p> <p>Printing Options: Full size test reports or measured results on tickets</p> <p>100-240 VAC (50/60Hz) 90 MA</p> <p>Height: 9.5 in      Width: 9 in Depth: 10.5 in      Weight: 7.5 lb</p> <p>Height: 17.25 in      Weight: 30 lb Diameter: 6.76 in      Cable Length 12 ft (longer cables available)</p> <p>Well Dia.: 2.4 in      Well Depth: 10 in</p> <p>Power: 6 ft      Printer: 6 ft</p>
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CRC-55tR

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