



DOSE CALIBRATOR

CRC®-OPT-4

Smart Dose Calibrator

The fastest and most user friendly approach



FEATURES

Optility™ Nuclear Medicine Management Software

- HL-7 Interface
- DICOM Interface
- Bar Coded Inventory
- On Line Ordering Functions
- Intuitive User Friendly Screen Flow
- Health Physics Services
- Highly Customizable Labels and Reports
- HIPPA Compliant with Multiple Security Levels
- Flexible Customer Support Options

CRC®-PC Smart Dose Calibrator

- Network Ready with Remote Connectivity
- Display can be Viewed Remotely within Network
- Direct Interface to PC- no Readout Required
- User Adjustable Threshold for Fastest Response
- Smallest Calibrator Footprint
- Ethernet Communications
- Software Upgrade via Ethernet Interface
- Power over Ethernet or USB port
- Database stores QC, Moly and User Logs

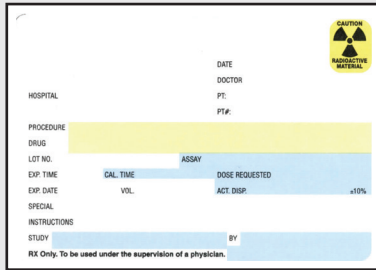
DESCRIPTION

The CRC®-OPT-4 Smart Dose Calibrator system is a fully integrated network ready dose calibrator and management program which supports all nuclear medicine and radiopharmacy functions. Both the CRC®-PC Smart Dose Calibrator and Optility™ Management Software can be displayed on the same large All-In-One touch screen PC. The result is the fastest and most user friendly approach available for processing orders, tracking inventory, measuring and dispensing doses, patient record-keeping, and regulatory compliance.

Optility™ is available in three versions: NMM for Nuclear Medicine imaging sites, CPM for radiopharmacies, and NPM for sites that perform both operations. The CRC®-PC Smart Dose Calibrator is available in two models: HL for unit dose hot lab and RPh with extended high range for cyclotron or generator sites. The Opt-4-Smart Dose Calibrator system can be configured to meet your individual facility's needs, and easily upgraded if processes change.

The CRC®-OPT-4 Smart Dose Calibrator provides users with the most economical approach to both fast, accurate measurements and comprehensive information management for all your Nuclear Medicine and radiopharmacy needs.

OPTIONAL COMPONENTS



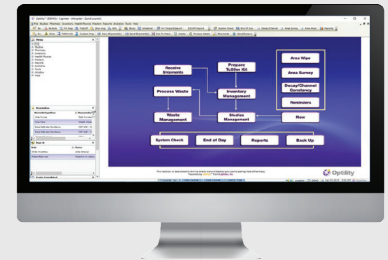
Optility™ Labels



Dymo Label Writer Printer 450



Symbol Bar Code Reader LS 2208



20" All-In-One Touchscreen Computer

SPECIFICATIONS

Optility™ Software

Network Functions

- Optional 20" All-In-One Touch Screen PC
- 64 bit, Windows 10 or above
- Client Server Application, Local or Remote
- HL 7 Import and Export Functions
- DICOM Import and Export Functions
- On Line Ordering via Web Supports Alternate Management Systems
- Export data to Excel or .xlm Formats
- Data Import from Most Management Systems
- Multiple Security Levels Assure Full Confidentiality of all Data
- On Line Software Updates and Training

Nuclear Medicine Functions

- Tracks Doses from Orders to Disposition
- Maintains Patient Dose and Exam Records
- Flexible Patient Scheduling Options
- Full Health Physics Compliance
- User Definable Trigger and Notification Levels
- Statistics for Patient Data and Procedures
- Daily Task Log with Action Reminder

Pharmacy Functions

- Tracks and Manages Receiving, Inventory, Components, Kits, and Waste Functions
- Full Traceability from Generator to Unit Dose
- Maintains Batch or Lot Records
- Checks License Limits against Orders
- Business Module includes Invoicing and Financial Reporting
- Analytics To Monitor Productivity and Identify Customer Trends

CRC®-PC Smart Chamber

Ionization Chamber

- Type: Thin wall, deep well, sealed and pressurized
- Fill Gas: Ultra-Pure Argon

Electrometer

- Accuracy: Better than $\pm 2\%$
- Linearity: Within $\pm 2\%$
- Response Time: Within 2 sec., 4 to 16 sec. for very low activity samples

Repeatability of Measurement

- Repeatability: Within $\pm 1\%$ within 24 hours, during which time the Calibrator is on all the time.

Measurement Range

- Type: Auto Ranging
- HL (Hot Lab) 6 Ci Tc-99m, 2 Ci F-18
- RPh (Pharmacy) 72 Ci Tc-99m, 20 Ci F-18

Programs

- Daily: Auto Zero, Auto Background Adjust, Data Check, Accuracy and Constancy, Voltage Test
- Automated Linearity Testing
- Nuclide Library
- Moly Assay
- Utilities including Decay Calculator
- Ci or Bq Option

Chamber Power

- USB: 5Vdc, 0.5A
- Power over Ethernet (PoE): 48Vdc, 0.35A

ORDERING INFORMATION

- Optility™ Labels: Item #7120-00543
- Dymo Label Writer Printer 450: Item #2000-0007
- Symbol Bar Code Reader LS 2208: Item #5010-0028
- 20" All-In-One Touchscreen Computer: Item #5030-0055

