

# CRC<sup>®</sup>-712M Dose Calibrator

5 Chambers Plus your choice of Activity Range Equals Unsurpassed Performance...

Capintec proudly designed the industry's first multiple chamber dose calibrators. That innovation is now refined into the superior CRC<sup>®</sup>-712M. It has the same outstanding features found in several of Capintec's dose calibrators and now combined into the CRC-712M system, increasing its functionality and flexibility.

The CRC-712M radioisotope dose calibrator provides the Nuclear Medicine community with a wide range of features that are frequently needed in PET centers, and in research, manufacturing and radiopharmacy distribution facilities. Your CRC-712M can be configured with one, two, three, four or five remote ionization chambers, all controlled from the main unit. Each chamber can have its own remote readout.

As your requirements change, additional chambers may be added to your CRC-712M on site. There is no need to return the main unit for factory installation. The system now comes with a 10 year battery that eliminates power problems of "brown-outs" by supplying a constant bias voltage. Due to the special requirements of high dose brachytherapy, PET research and many other uses, Capintec makes available ionization chambers for three different high range activities. The specially configured electronics allow the measurement of high activity levels. (such as those found in research and production facilities)



## Features

- Manual and auto-range activity selection give both speed and convenience
- Selectable locking knob allows unit to switch between Curie and Becquerel units
- Widest range of accessories available from special mountings to special shielding
- Extra large, bright 4 digit LED activity display is easy to read from across the room
- Up to 5 remote chambers and remote displays
- Central unit can select any remote chamber to read activity

## Specifications

- Multi-Chamber capability
- Power: 88 to 130 VAC, 0.1 A, 180 to 260 VAC, 50/60 Hz
- Circuit Protection: Power line filter, transient voltage suppressor
- Range: 0.001 MBq (0.01  $\mu$ Ci) to 200 GBq (8 Ci)
- Accuracy  $\pm$  2%
- Linearity:  $\pm$  1%

- Cable: 15' (4.5 m) (Longer cable lengths available)
- Chamber Connections: chamber ports for up to 5 remote chambers
- Readout Connections: RS-232 ports for up to 5 remote displays
- Readout Dimensions: 6" H x 12.5" W x 18" D (15 x 32 x 46 cm)
- Weight: Readout Unit: 15 lb. (6.8 kg) Chamber: 35 lb. (15.8 kg)
- Shipping weight: 48 lb. (22 kg)

CRC <sup>®</sup> -712MX .....	5130-3177
CRC <sup>®</sup> -712MH .....	5130-3176
CRC <sup>®</sup> -712M Calibrator .....	5130-3054
CRC <sup>®</sup> -HR Chamber .....	5120-2120
CRC <sup>®</sup> -712 Remote Display .....	5120-2125
CRC <sup>®</sup> -712 Remote Cable .....	8400-1178