

YD 505 Dose Calibrator

Ionization Chamber

- ◆ Type: Thin wall, deep well, high pressure.
- ◆ Fill Gas: 0.4Mpa Ultra Pure Argon.

Measurement Range

- ◆ Type: Auto Ranging.
- ◆ Activity: 370 GBq (10Ci), max.
- ◆ Resolution: 0.0001 MBq (0.0001 μ Ci).

Display Screen

- ◆ Type: 10" color touch screen display.
- ◆ Bq/Ci Reading: User selectable or fixed.
- ◆ Values Displayed: Nuclide name half life time.

Electrometer

- ◆ Accuracy: Better than $\pm 1\%$.
- ◆ Linearity: Within $\pm 1\%$.
- ◆ Response Time: Within 2 sec., 4 to 16 sec. for very low activity samples (user selectable average period).

Repeatability of Measurement

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

Ion Chamber Dimensions

- ◆ Height: 44cm Diameter: 16.8cm;
- ◆ Well Diameter: 6.8cm Well Depth: 25.6cm ;
- ◆ Cable Length: 1: 3m;
- ◆ Weight: 13.6kg;

Nuclear Data

- ◆ Nuclide Keys: 8 user-defined Hotkeys .
- ◆ System Memory: Over 80 nuclides (cal number and half-life).

Power Requirements

- ◆ 220 VAC (50/60Hz) 90 mA.

