



WIRELESS PATIENT DOSE MONITORING

Long term reputation in the medical industry.

Assurance we will offer competitive pricing.

Customer service #1 priority.

One Stop.

LACO Inc.

can do it all!

Wireless In-Vivo Dosimetry is now a reality with the rf-IVD². Being Wireless solves one of the biggest issues facing any Patient Dosimetry system - cables lying across the treatment vault floor. Via radio frequency, the rf-IVD² uses a wireless detector pod to communicate real-time dose information to a wall transponder (which is hard-wired to a control module.). No more cables are left lying on the treatment floor in danger of tangling or tripping patients or staff. The rf-IVD² features four standard input channels and in the future can be expanded up to 52 channels for TBI cases.

Features:

- * Exceptional reproducibility and accuracy.
- * Compact thermal printer with direct interface to the Control Module.
- * TBI software available at no additional cost
- * Windows PC software available at no additional cost
- * Simple Two-Button (Start/Stop) operation
- * Compatible with diodes from any manufacturer
- * Can be used with Co-60 and Linear Accelerator Beams.
- * No need to add buildup to diode detectors.
- * Exceptional accurate and reproducible system.

Description: The rf-IVD² uses DIODES to deliver dose data in Real-Time, without the need to process disposable dosimeters after the treatment plan has finished. The rf-IVD² is calibrated and operated using a compact Control Module that utilizes the simplest Start/Stop operation available on the market. The rf-IVD² also is the only patient dosimeter to automatically compensate for temperature fluctuations within the diode.

Applications: The rf-IVD² is a four channel patient dosimeter used for real-time patient dose monitoring. The rf-IVD² can be expanded to 52 channels.

Two-Button Operation is Therapist

Friendly: The rf-IVD² is operated using a very simple Start/Stop operation. Start measurement by selecting one of 9 energy kits. Administer the treatment plan. Dose data is updated on the rf-IVD² display in real time. Select Stop once plan is completed.

Automatic Temperature Corrections: The rf-IVD² offers another unique innovation by allowing you to calibrate for temperature. Once calibrated for T, the system will automatically measure ambient temperature and apply a correction factor to the diode reading. The rf-IVD² is the only patient dosimeter to do this.