

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!



## PROFILER 2™

### The Water Tank Alternative

Advanced beam QA with Y and X axes to simultaneously measure sagittal and axial profiles in real-time for both photon and electron beams.

The PROFILER 2™ is an entirely new design that builds upon the established success and acceptance of the original PROFILER. The PROFILER 2 provides quick and precise beam measurements of both X and Y axis simultaneously. The ability to quickly acquire precise beam scan information, without a water tank is the aim of the PROFILER 2.

#### About PROFILER 2

- \* 139 detectors configured in a 328mm Y-axis and a 224mm X-axis array
- \* Precision axial and sagittal data in a mere fraction of the time of film or water tanks
- \* Advanced PC software compares up to 10 profiles at a time
- \* Customizable and standard analysis options
- \* Microsoft Excel® export enables users to make the most of the data they have acquired
- \* User calibrated every 1-2 years using a patented calibration method

#### Measure at Any Angle

Rotational measurements can be done at any gantry angle while keeping PROFILER 2 securely fixed at Isocenter. This is possible by using the Isocentric Mounting Fixture which allows for fast and precise QA testing of the MLC, Collimator, and Gantry shift effects.

#### PROFILER 2 Applications

PROFILER 2 measures both photon and electron beams on therapy LINACs, as well as Cobalt.

- |                                |              |
|--------------------------------|--------------|
| * Output                       | *Symmetry    |
| * Flatness                     | *Field Size  |
| * Wedge Angle                  | *Penumbra    |
| * Beam Center                  | *Beam tuning |
| * Dose/Pulse                   | *Dose rate   |
| * Pulse/second                 |              |
| * Light: Radiation Coincidence |              |

There are many suitable applications for the PROFILER 2. Applications include but are not limited to:

- \* Beam Constancy QA
- \* Beam steering and Diagnostics
- \* Electron Energy Measurement
- \* Collimator and Rotational Sag QA
- \* Flatness & Symmetry Measurements
- \* VW and EDW Measurement and Verification
- \* Beam Start-Up QA (Low MU field and Segment QA)
- \* Various IMRT & TomoTherapy QA Applications
- \* Treatment Plan QA (PROFILER 2 imports TPS data and compares it to measured data)