



The SUN Nuclear QED™ features a flat design for easy patient placement. It is ideal for treatments where diode placement is normal to the beam. QED's are available in three photon energy ranges, and a single range for all electron energies.

The SUN Nuclear Applications

QED™ diode detectors should be used in situations where the beam is normal or close to normal to the patient skin surface.

Energy Ranges – choosing the right QED™

QED™ detectors are offered in three photon energy ranges, a single electron energy range, and a skin detector.

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|------------------|-------------------|
| a) P/N 1114000-0 | 1-4 MV |
| b) P/N 1115000-0 | 6-12 MV |
| c) P/N 1116000-0 | 15-25 MV |
| d) P/N 1112000-0 | electron energies |
| e) P/N 1113000-0 | Skin (no buildup) |

Accuracy

The QED™ offers exceptional accuracy for a flat diode detector.

When tested on top of 6 cm of virtual water, variation in directional response is +/- 0.5% for 30°, and +/- 1.0% for 45° for 6MV beams.

Features

Flat design allows for easy and reliable placement on patient skin surface

Advanced p-type die design is accurate and responsive

Compatibility with any diode based dosimetry system

Long lifetime if handled properly

Intelligent pricing

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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!