



Graph Negar

Graph Negar is the high-resolution diode detectors matrix for fast and reliable quality assurance in radiotherapy. Graph Negar provides the perfect solution for beam and machine verification without the hassle of large phantoms, which is a great alternative to a water phantom for many tests including flatness, symmetry, field size, beam center, penumbra width, light-radiation field coincidence. They detect the dose along the main axes and diagonals. The result is the exact depiction of the profile in a resolution, which enables analyzing the beam without data interpolation.

Features

- Full-field real-time measurements:
 - ✓ Flatness, symmetry, field size, beam center, penumbra width, light/radiation field
 - ✓ Identify startup/time dependent anomalies
 - ✓ Beam constancy, steering, diagnostics, collimator and rotational sag QA
 - ✓ Electron energy verification
 - ✓ Photon energy verification
- Quick and easy setup
- Multiple real time parameter calculations
- Profile comparison, subtraction, overlay
- Report generation with output to PDF

Detector Type	Diode Detectors
Detector Spacing	4.2 mm
Detector Quantity	262
Field Size	20 × 30 cm
Inherent Buildup	0.9 cm PMMA
Inherent Backscatter	1 cm PMMA
Operating System	Windows 10 Professional
Dimensions (L/W/H)	50 × 26 × 6.5 cm
Weight	3.8 kg
Number of Connection Cables	Power / data cable
Power	Battery and ext. battery charger 9V DC power supply (included)