

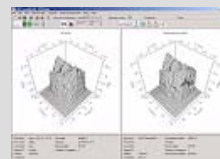
# QAMLog

The New Standard for  
QA data Measurements!



Get it all in one system  
and gain working hours!

**IMRT Delivery**  
**Full Scatter Phantom**  
**at isocenter**

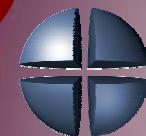


IMRTlog

**Accelerator Performance**  
**Full Scatter Phantom**  
**at isocenter**



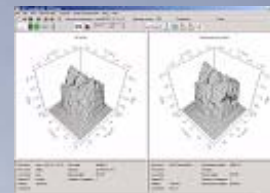
**Dynamic Parameters**  
**2D Phantom in**  
**accessory tray holder**



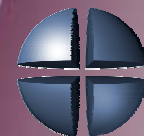
**ONCOLOG**  
MEDICAL

# QAMLog

## IMRT Delivery



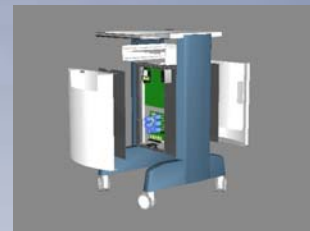
- Import of QA plan from TPS via DICOM-RT interface
- Analysis functions
  - Difference
  - Gamma
  - Distance to agreement (D2A)
- Rugged and reliable semiconductor detectors, independent of air pressure variations
- Separate electrometers for each detector gives true dose integration
- High spatial resolution, active detector area 1 mm diameter
- Dose resolution 1 mGy



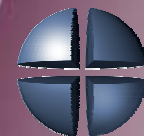
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## IMRT Delivery



- Unique interactive digital manual
- Electronics at safe distance from beam
- Convenient trolley
- Real-time absolute dose measurements within 1% in 506 points
- Merge function adding four fields to get 2024 points
- Display of the integrated dose contribution from individual segments, per beam or per plan as well as the total integral dose.
- Supports import of DICOM RT dose object from plan



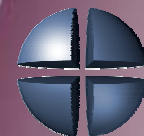
**ONCOLOG**  
MEDICAL

# **QAMLog**

## **Accelerator Performance**



- . MLC checking of:
  - Adjustment.
  - Leaf velocity
  - Hysteresis
  - Repositioning (in 2 positions)
  - Leaf bank positioning
- . Energy for X-ray and electrons
- . Symmetry
- . Flatness
- . Output
- . Wedge profiles for dynamic wedges
- . Light field / Xray field coincidence
- . Startup stability
- . Lasers / crosswires
- . Penumbra
- . Field size readout accuracy
- . Light field intensity
- . X-ray field isocenter



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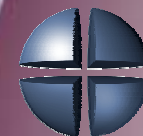


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## Dynamic Parameters



- . Stability checks with gantry rotation of:
  - MLC Adjustment
  - MLC Leaf velocity
  - MLC Hysteresis
  - MLC Repositioning
  - MLC Leaf bank positioning
  - Output
  - Wedge profiles for dynamic wedges
  - Wedge factor
  - Symmetry
  - Flatness
  - Startup stability
  - Penumbra
  - Field size readout accuracy



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