RITG148+

RIT is your best source for Helical TomoTherapy® tests in TG-148

Designed with the TG-148 report in mind, RITG148+ analyzes the standardized tests, including Static & Rotational Output Consistency, Jaw Centering & Alignment, Overhead Laser Positioning, Interrupted Treatment, and others recommended for daily, monthly, and annual QA. RITG148+ also analyzes image quality using the Tomotherapy Cheese phantom.

RITG148+ software’s combination of powerful, robust routines in a user-friendly interface maximize the efficiency and precision of all measurements. For added convenience, users can easily create PDF reports for all routines, as well as export their data to the RITtrend™ database for large-scale analysis over time.

**ROUTINES & FEATURES**

**Automated QA Tests**
- Y-jaw divergence/beam centering
- Y-jaw/gantry rotation plane alignment
- Couch translation/gantry rotation
- Gantry angle consistency
- Treatment field centering
- Interrupted treatment
- MLC alignment test
- Laser localization

**Image Quality Tests**
- Contrast
- Noise
- Uniformity
- Resolution
- CT Number to Density
- Geometric Accuracy
- Geometric Distortion
- Crop images with Pin Prick, Erase, and ROI tool

**ADDITIONAL FEATURES**
- Built in RITtrend™ reporting and trending
- PDF reports for every analysis routine
RITG135 is a new, dedicated software package designed to perform all your CyberKnife® machine QA needs with two key objectives in mind: efficiency and accuracy. Built within a single software platform, these automated routines and analyses ensure rapid results, without compromising measurement precision.

**AUTOMATED MACHINE QA TESTS**

- **End-to-End Test**
  - Fully-automated for the Ball Cube 2 phantom – no film flipping or mirroring needed
  - Ball Cube phantom
  - Mini Ball Cube phantom
- **AQA Test**
- **Iris Test**
- **Laser Coincidence Test**
- **Fully-Automated MLC Test for the M6 Collimator**

**ADDITIONAL FEATURES**

- Built in RITrend™ reporting and trending
- PDF reports for every analysis routine