

RITG148+

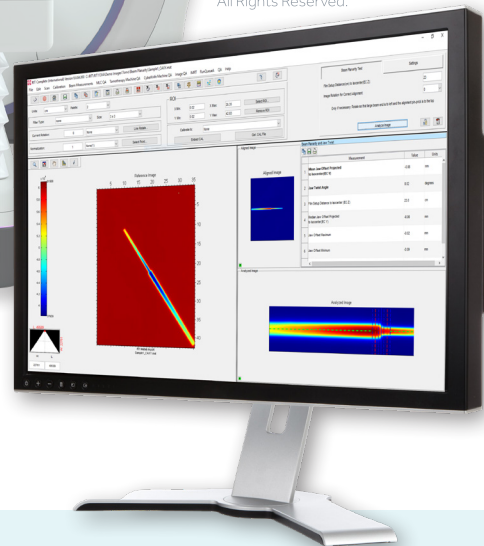
RIT® is your best source for Helical Tomotherapy® tests in TG-148

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.



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ROUTINES & FEATURES

AUTOMATED QA TESTS

Bold text below indicates the test name according to Accuray and the test name in parenthesis indicates the test name in TG-148.

- **Beam Planarity & Jaw Twist** (Y-jaw divergence / beam centering and Y-jaw / gantry rotation plane alignment)
- **Couch Travel Distance** (Couch translation / gantry rotation)
- **MLC Twist and Center of Rotation** (MLC alignment)
- **Helical Gantry Angle** (Gantry angle consistency)
- **Overhead Laser Position** (Laser localization)
- **Jaw Symmetry** (Treatment field centering)
- Interrupted Treatment
- Static Gantry Angle
- IGRT Alignment

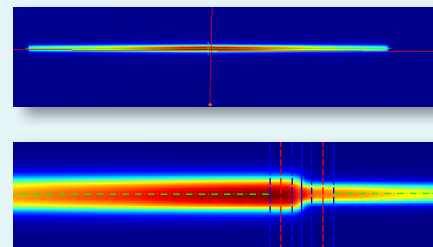
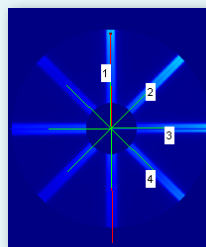


IMAGE QUALITY TESTS

- Contrast
- Noise
- Uniformity
- Resolution
- Crop images with Pin Prick, Erase, & ROI tool
- CT Number to Density
- Geometric Accuracy
- Geometric Distortion

ADDITIONAL FEATURES

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

Tomotherapy® Registration and **Tomotherapy® MLC Leakage Analysis** are routines included in the RIT Complete software package. For users requiring both Patient and Machine/MLC QA, upgrade to: **RIT Complete**

RIT G135

One software product for all CyberKnife[®] machine QA, developed in accordance with TG-135

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.

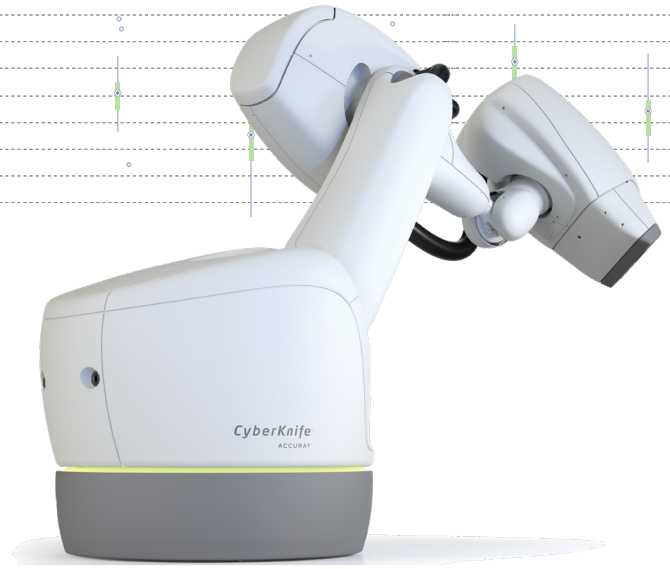
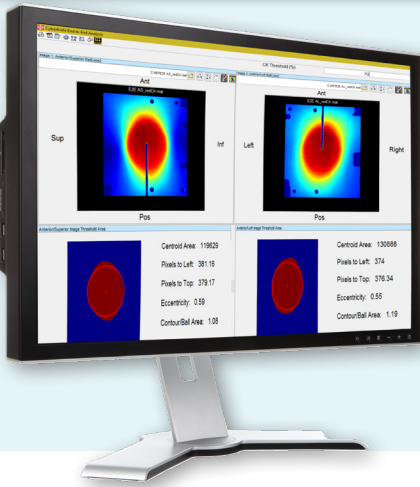


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AUTOMATED MACHINE QA TESTS



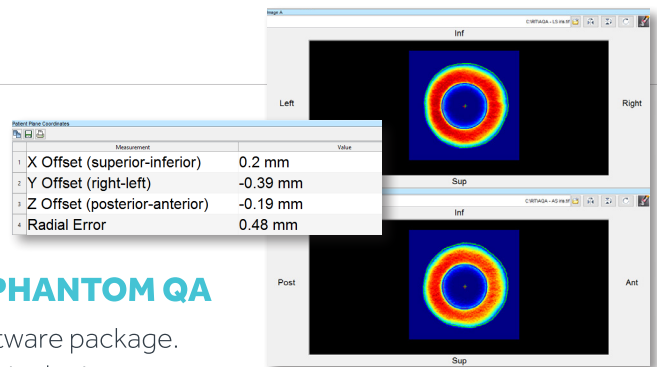
- End-to-End Test
 - Fully-automated for the Ball Cube 2 phantom, no film flipping or mirroring needed
 - Ball Cube phantom
 - Mini Ball Cube phantom
- AQA Test
- Iris Test
- Laser Coincidence Test
- Fully-Automated M6 MLC Test

ADDITIONAL FEATURES

- Built in RIT*trend*[™] reporting and trending
- PDF reports for every analysis routine

AUTOMATED IMAGE FILL FOR ANTHROPOMORPHIC PHANTOM QA

RIT's automated image fill routine is included in the RIT *Complete* software package. Use this function to automatically correct and fill any holes or cutouts in the image file. Perform patient QA with an anthropomorphic phantom for both calibrated and uncalibrated images. For users requiring both Patient and Machine QA, upgrade your product to: **RIT Complete**



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