

Dosimetry Items

We are the Authorised Supplier for Standard Imaging

QA BeamCheckerPlus

This daily device combines our long established devotion to accuracy with our expertise in ion chambers, phantoms and electrometers. All. In. One

Software-Free Operation

- » Does not need to be controlled via PC
- » Immediate Pass/Fail results

Automatic Energy Detection

- » Measure energies in any order
- » Data is automatically saved and the device readies itself for the next reading in 10 seconds

Wireless Operation

- » Versatile for wireless, real-time data collection using software interface and instantaneous results
- » Fast rotational QA is ideal for IMAT, VMAT, Tomo Therapy and dynamic wedge tests



MIMI Hexa Check

Repeatable Accuracy

- » The phantom holder is secured into couch isocenter alignment, while locking mechanisms for offset angles ensure accuracy every time

Easy to use

- » Fits seamlessly into your workflow as an extension of your 3D IGRT QA routine

A Natural Addition

- » Designed for use with the MIMI phantom, also compatible with the Universal Lock Bar and PIPSpro software

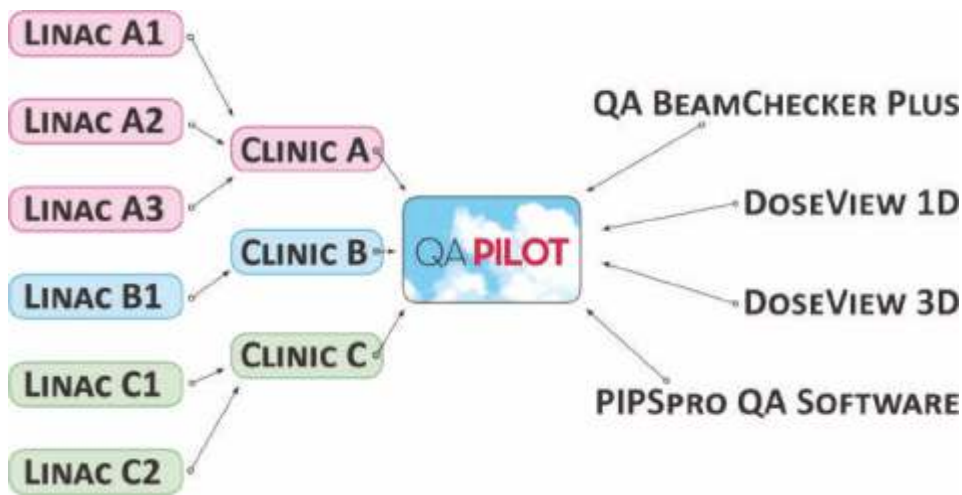


Dosimetry Items

» Screenshot of fusion page showing several ways to view the fusion for verification. The red is a hand drawn area marked for the system to ignore, the level on the HexaCheck baseboard, which may hinder the fusion



QA PILOT
 » 453 air-vented pixel ionization chambers with optimized 5mm spacing allows for accurate machine QA including dosimetric, mechanical, gating and MLC performance testing. Parallel readout from independent electrometers allows for fast measurements



- » Control what various users and sites can see and do
- » Use the Equipment Manager to store all QA products in one spot including recalibration reminders.
- » Select and organize QA tests based on your needs
- » Schedule your QA with reminders
- » Create custom tests
- » Create baseline and tolerances

NEW Results Dashboard

- » Overview of the last analysis results for a particular machine
- » Pass, Fail, and Alert results
- » Quick and easy to review

Test Name	Parameters	Scheduled Date	Result				
Light Radiation Field Constancy	Maximum Light Field	2019-10-10	Pass				
Min. Radiation Field	Minimum Light Field	2019-10-10	Pass				
Commissure Rotation Accuracy	BeamStop	2019-10-14	Pass				
Radiation and Mechanical Core Status	Stereotactic	2019-03-06	Alert				
Leaf Travel Speed	LeafTo-Beam - Leaf Speed	2019-10-14	Pass				
Leaf Position Accuracy	LeafTo-Beam - Sliding Window	2019-10-14	Fail				
Leaf Motion Accuracy	LeafTo-Beam - Sliding Window	2019-10-14	Pass				
Leaf Motion Repeatability	LeafTo-Beam - Repeatability	2019-10-14	Pass				
Separation Error	LeafTo-Beam - Sliding Window	2019-10-14	Pass				
Missing Gamma GPT	LeafTo-Beam - Sliding Window	2019-10-14	Pass				
MLC Leaf	LeafPosition	Imagined Date	System Variables	Verified	Enduring	Active	
Beam Off Imaging	Image-On	2017-04-10	No Results	No Results	No Results	No Results	No Results
MLC Leaf	LeafPosition	Imagined Date	System Variables	Verified	Enduring	Active	
Beam Off Imaging	Image-On	2017-04-10	No Results	No Results	No Results	No Results	No Results
MLC Leaf	LeafPosition	Imagined Date	System Variables	Verified	Enduring	Active	
Core Beam CT	Image-On	2019-10-14	Pass	Pass	Pass	Pass	Pass

PIPSpro SOFTWARE

NEW Results Dashboard

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Machine	Test Name	Operator	Analysis Date	Status	Pass/Fail/Alert	Pass/Fail/Alert	Pass/Fail/Alert	Pass/Fail/Alert
Light Radiation Field Uniformity	RadCalc Light Field	RadCalc Light Field	2019-01-10	Pass				
2Dx Radiation Uniformity	RadCalc Light Field	RadCalc Light Field	2019-01-10	Pass				
Collimator Position Accuracy	RadCalc	RadCalc	2019-01-14	Pass				
RadCalc and Mechanical Coordinate	RadCalc	RadCalc	2019-01-09	Alert				
Leaf Travel Speed	LeafPro Speed - Leaf Travel	LeafPro Speed - Leaf Travel	2019-01-14	Pass				
Leaf Position Accuracy	LeafPro Speed - Leaf Travel	LeafPro Speed - Leaf Travel	2019-01-14	Alert				
Leaf Position Accuracy	LeafPro Speed - Leaf Travel	LeafPro Speed - Leaf Travel	2019-01-14	Alert				
Mechanical Reproducibility	LeafPro Speed - Reproducibility	LeafPro Speed - Reproducibility	2019-01-14	Pass				
Equipment Setup	LeafPro Speed - Equipment Setup	LeafPro Speed - Equipment Setup	2019-01-14	Pass				
Machine Setup	LeafPro Speed - Machine Setup	LeafPro Speed - Machine Setup	2019-01-14	Pass				
QC-3 Test	RadCalc	RadCalc	2019-01-14	Pass				
QC-3 Imaging	RadCalc	RadCalc	2019-01-14	Pass				
QC-3 Test	RadCalc	RadCalc	2019-01-14	Alert				
QC-3 Imaging	RadCalc	RadCalc	2019-01-14	Alert				
QC-3 Test	RadCalc	RadCalc	2019-01-14	Pass				
QC-3 Imaging	RadCalc	RadCalc	2019-01-14	Pass				
QC-3 Test	RadCalc	RadCalc	2019-01-14	Pass				
QC-3 Imaging	RadCalc	RadCalc	2019-01-14	Pass				

PIPSpro PHANTOMS

- » PIPspro software analyzes the QC-3, QcKV-1, FC-2, and Stereotactic phantoms.
- » The calibrated QC-3 and QcKV-1 phantoms allow you to compare your results to similar machines worldwide.
- » PIPspro is also compatible with Catphan phantoms and the LEEDS test tool included with Linacs



QA CrossChecker

OPTIMIZED DETECTOR POSITIONING FOR KEY LINAC QA ROUTINE

QA Pilot's cloud-based platform gives you access to your QA without manual spreadsheets or multiple programs. Data from the QA BeamCheckerPlus is automatically uploaded to your daily file for each machine



Dosimetry Items

WATER PHANTOM FREE

- » Compare results to water phantom baselines and achieve accuracy within 0.5%.
- » Perform accurate monthly machine QA without the hassle of a water phantom



PAIR WITH SOFTWARE FOR LIGHTNING FAST REPORTS

- » QA CrossChecker automatically compares energy measurements with their corresponding reference values. Test reports are created according to user-defined tolerances, and include reference values, allowing you to easily identify changes in your machine.

DoseView1D

Easy Operation with Handheld Pendant

- » Establish origin position and return to origin with the press of a button.
- » Three convenient positioning modes: fast, slow and step
- » One-touch toggle between cm/mm.

Water-Equivalent Bracket Fits Range of Detectors

- » Adaptable chamber bracket fits most thimble ion chambers and rigid stem parallel plate chambers

Intuitive Data Collection with DV1D Software

- » Expedite TG-51 and TRS-398 compliant data collection.
- » Remotely adjust settings, conduct measurements and view data in real time.
- » Automatic collection of profiles for all energies
- » Automated ratio-based acquisition when using the SuperMAX or two MAX 4000 Electrometers.

