

# QUASAR

Motion MR Platform

## Introducing QUASAR™ Motion MR Platform

**Pioneering motion QA solution for MR guided radiation therapy.**

- First MR-safe, Large-scale motion platform.
- Programmable motion control.
- Comes with intuitive, user-friendly software.
- **Reliable motion QA tool:** to perform testing on the most advanced planning and treatment systems including MR, SGRT, Gating and CT.
- **Versatile:** compatible with any stationary phantom including Image Quality Phantoms, MR Dosimetry arrays, and large film phantoms.

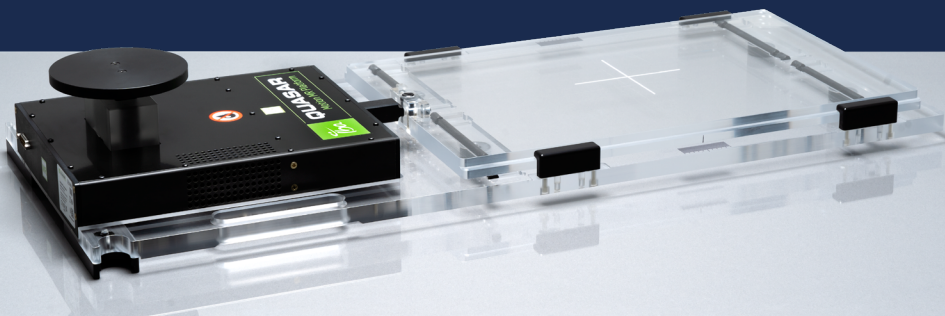
# The next **revolution** in Motion QA is here.

Meet the world's first large scale MR-safe motion platform. The QUASAR™ Motion MR is engineered for a smarter, more accurate tomorrow in MRgRT.

Understanding the impact of motion is pivotal in optimizing advanced radiation therapy outcomes. The all new QUASAR™ Motion MR Platform brings next-generation motion-guided quality assurance to MR imaging workflows.

The platform's programmable motion simulation is capable of a wide range of patient specific QA scenarios, particularly in evaluating the impact of motion on MR targeting, image quality, and radiation therapy treatment accuracy.

Whether you prioritize MR compatibility, user-defined motion control, adaptability, or focus on precision, the QUASAR™ Motion MR Platform equips you for futuristic testing, in response to evolving clinical demands.



## SPECIFICATIONS

### Motion Range

4 cm using standard waveform (+/- 2cm)

3 cm using oscillation mode complex waveform (+/- 1.5cm)

### Load Capacity

45kg/99lbs\*

\*Load capacity dependent on waveform

### Max Frequency

60 BPM\*

\*Max Frequency dependent on load

### Accuracy

0.25 mm\*

\*Accuracy dependent on waveform and load

### Length

87.6cm [34.5 inches]

### Width

35cm [13.78 inches]

### Mass/Weight

12 kg/26 lbs.

### Surrogate Platform

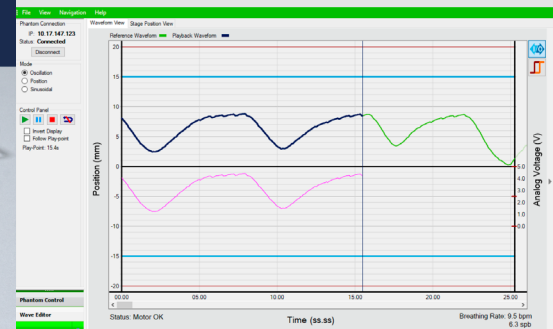
Included Chest wall Surrogate operates at 1:4 ratio of linear translation of platform. Utility with SGRT, Gating and CT based systems.

### Surrogate Mass Capacity

1kg / 2.2lbs

Completely programmable, using supplied motion software.

Phantom supports analog signal input and output to be used for latency measurements and other 3rd party devices.



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