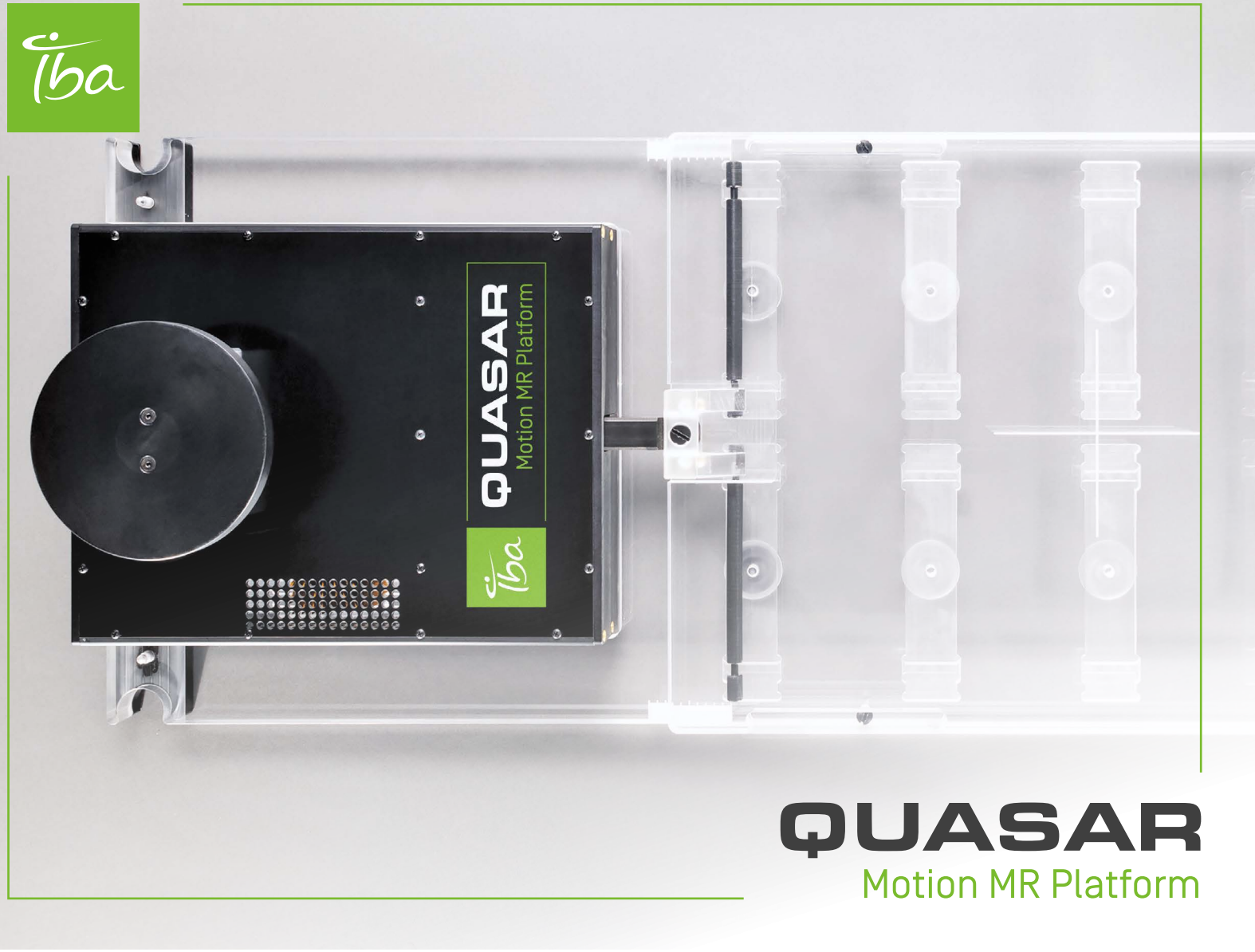

QUASAR
Motion MR Platform

Introducing QUASAR™ Motion MR Platform

Pioneering Motion QA platform for MR guided radiation therapy

- First MR safe, large scale motion platform.
- Programmable motion control.
- Supplied with an intuitive 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
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 analogue signal input and output to be used for latency measurements and other 3rd party devices.

iba QUASAR

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