SPECIFICATIONS

Motion Platform:	33.2 cm x 35 cm weight-bearing load up to 45kg [100 lbs]
Overall Dimensions:	67.6 cm x 35 cm x 15 cm [H]
Mass:	8 kg [excluding third-party phantoms]
Screen Resolution:	1920 x 1080 pixels
Chest Wall Platform:	13 cm diameter, carries up to 1 kg
Power supply:	■ Input: 110 - 240V~, 50-60 Hz, 1.0A ■ Output: 24Vdc, 2.1A ■ Approvals: CE, UL/CSA 60950-1

PRODUCT INFORMATION [QUASARTM Programmable Heavy Duty Respiratory Motion Platform]

1 - Software License
1 - QUASARTM Respiratory Motion Platform HD
1 - 30 degrees CCW Alignment Wedge
1 - Chest Wall Surrogate Platform
1 - ArcCheck® Feet Support
1 - User's Guide
1 - Heavy-Duty Shipping Case [5kg]

MINIMUM TECHNICAL REQUIREMENTS

Operating System:	Windows 7 SPI, and 10
Ports	1 Ethernet

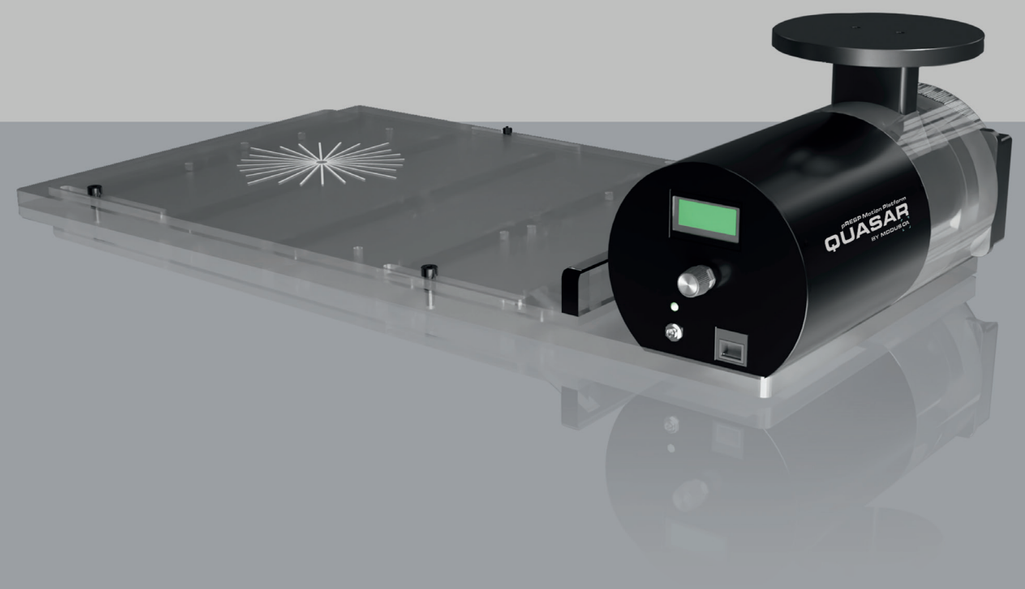
RELATED PHANTOMS

QUASAR pRESP 2.0 Static Phantom

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QUASAR

Platform HD

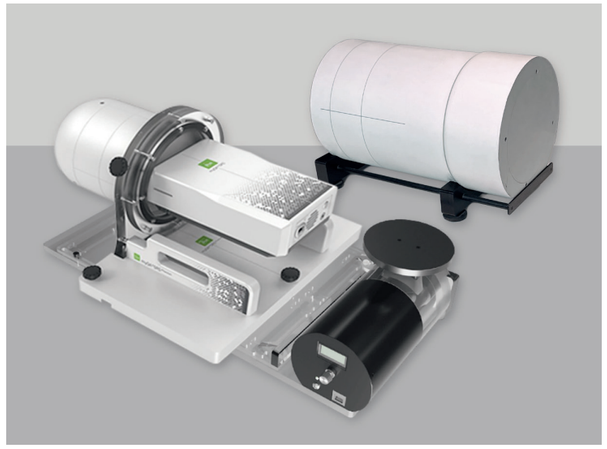
Integrate Multi-Directional Motion into any Large-Scale Phantom up to 100 lbs

QUASAR®* Motion Platform HD

Experience the highest-quality Patient QA in one powerful solution — now enhanced with seamless integration of your measurement data, combining Monte Carlo and log file analysis for unparalleled accuracy.

Key features

- Heavy-Duty: Large 33.2 x 35 cm platform surface accommodates phantoms up to 100lbs
- Multi-directional Motion: Simulates sinusoidal or programmable multi-directional motion for patient-specific and process QA
- Operation: Operate the platform remotely from a PC or locally from the drive unit
- Alignment: Includes specialized features for rapid in-line or offset phantom alignment
- Waveforms: Import, create, edit and stream custom or patient-specific waveforms
- Compatibility: Chest wall surrogate is compatible with multiple motion tracking systems



With the large 33.2 cm x 35 cm platform surface and an increased load-bearing capacity of 45 kg (100 lbs), the Platform HD adds translational motion to both QUASAR stationary phantoms and commercially available phantom systems.

The QUASAR Heavy Duty Respiratory Motion Platform includes a Chest Wall Platform – moving in the anterior/posterior direction – which is compatible with motion tracking systems fromcommercially available phantom systems



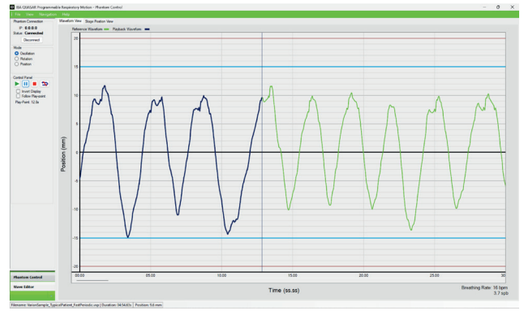
Patient-specific software

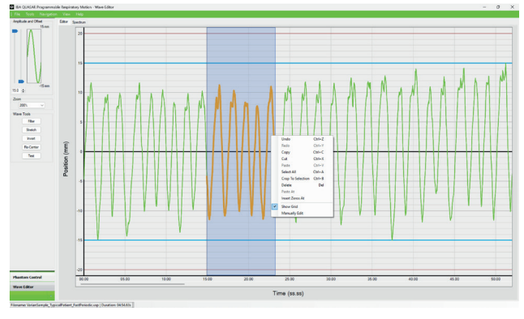
Included with the Platform HD is the QUASAR Respiratory Motion QA Software, which allows you to import, create, edit and save respiratory waveforms.

Designed to smoothly operate at typical patient respiratory rates of up to 60 BPM, the Platform HD works in tandem with the programmable software to playback user-customizable waveforms with a high-degree of accuracy (10 mS sampling rate).

Easily import process and patient-specific waveforms from a number of respiratory gating machines including Varian Realtime Position Management™ (RPM), Anzai, Cyberknife, Philips, Respisens, and Siemens. Quickly create custom waveforms or import unique waveforms in compatible .VXP, .CSV, .TXT, .DCM, .LOG, .DAF, .IMA file formats.

Conveniently edit waveforms using a wide range of functions including adjusting the amplitude, stretching or compressing the timeline and filtering out high frequency noise, low frequency drift and cardiac signals. The software is compatible with Windows 7 or better.





Dosimetric and non-dosimetric QA

use the Platform HD with the QUASAR pRESP 2.0 Static Phantom as a time- and cost-efficient method of adding motion and gating testing capabilities into your adaptive end-to-end QA protocols.

As a flexible QA tool designed to perform both dosimetric and non-dosimetric tests on treatment simulation, planning and delivery systems, the QUASARTM Multi-Purpose Body Phantom incorporates a wide variety of interchangeable test objects in a solid acrylic housing. Being paired with the Platform HD, it is easily converted into an IGRT gating phantom.



