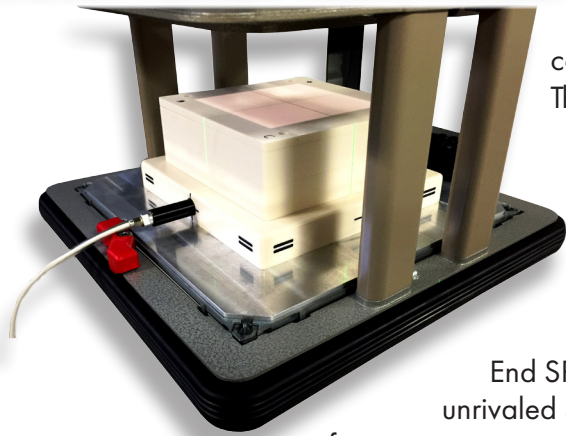


# PRODUCTS

DEFINE. MEASURE. ANALYZE. IMPROVE. CONTROL.

CONSTANCY → ALIGNMENT → IMAGING → ACCURACY ✓

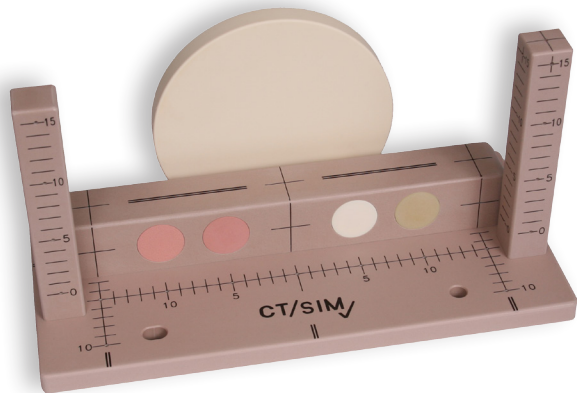
The IMT **GMOC** phantom, developed with our clinical partners, was designed with simplicity and ergonomics in mind while providing a broad range of Monthly Output testing functions providing complete verification of LINAC setup, alignment, constancy, and accuracy. This unique phantom is light-weight, reproducible and efficient.



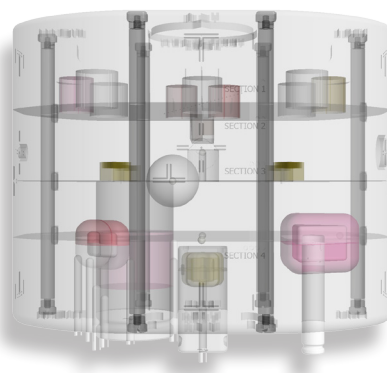
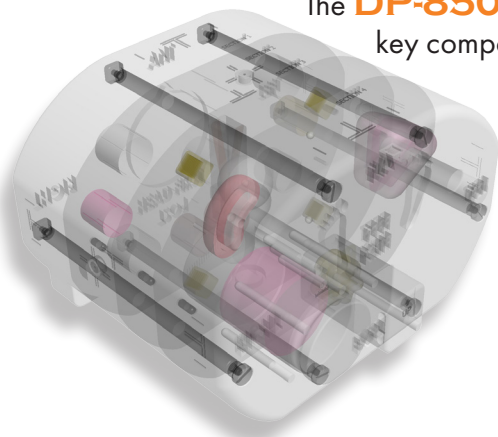
**MAX-HD** is a high-definition, anthropomorphic QA phantom specifically designed for End-to-End SRS commissioning. **MAX-HD** is an unrivaled SRS training resource providing QA for image acquisition from both CT and MR modalities, image fusion, multiple target simulation, IGRT localization, and dosimetric plan verification. **MAX-HD** is an efficient tool for comprehensive End-to-End system testing.



**CT/SIM** is an efficient daily tool designed for a broad range of Daily QA Procedures in compliance with TG 142 CT SIM Protocols. **CT/SIM** is lightweight, easy to use and locates on couch index bar for reproducible orthogonal setup. It fulfills a range of tests including: constancy checks for HU, volume uniformity, laser alignment in three axes, image orientation display, geometric scaling and isocenter laser localization.



The **DP-850** fully complies with AAPM TG-66 requirements for CT simulators as well as key components of AAPM TG-53 for treatment planning system quality assurance. It is constructed of a solid material with a relative density value of 0.85 (relative to water) as the background material. It consists of 4 primary modules that are assembled using rods of a density similar to trabecular bone around the periphery of the **DP-850**. To optimize functionality it contains various internal structures, test objects, fiducials and external alignment etchings.



# IMT

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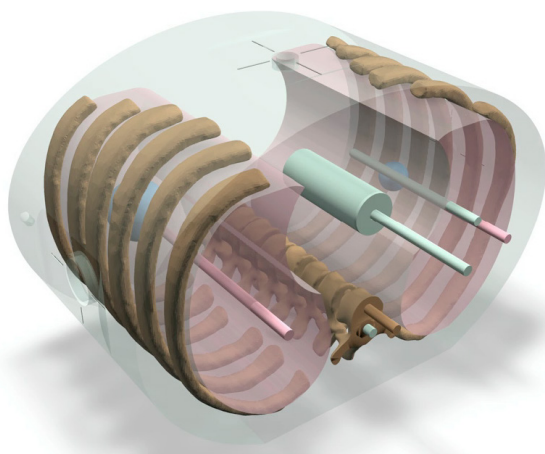
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75016 Paris, France

Designed for daily system checks, the **ISOCUBE** is a cost-effective, quick and accurate tool for testing radiation isocenter alignment between the lasers, light field and image guidance systems. The isocenters of both the OBI and the EPID can be checked for true spatial alignment and coincidence with that of the treatment beam. The **ISOCUBE ALIGNMENT BASE PLATE** has three axes of fine adjustment: pitch, roll and rotation. These adjustments can be used to position the ISOCube to an absolute radiation isocentric position. To test the accuracy of a 6 DOF Couch coupled to an OBI System, the Base Plate with **ISOCUBE** in place can be intentionally skewed in three axes moving the ISOCube to a new orientation. New images will yield new coordinates for repositioning the ISOCube assembly. Re-imaging with the OBI or IR Camera system thereby verifies accuracy of the entire OBI/6 DOF System.

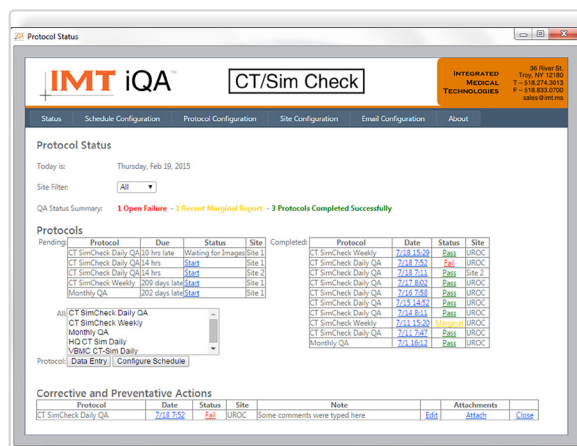


The **DOVe™** Phantom is designed as a practical and cost effective tool for verifying patient position with regard to patient orientation thereby ensuring consistency throughout the imaging export and import processes and preventing the data being mirrored or flipped. Constructed of durable urethane, the **DOVe™** emulates two distinct patient features: the head and the feet - engraved on opposite sides. These two images depict head first or feet first patient orientation and either supine or prone patient setup. Complementing each of these two distinct patient orientations are engraved markings which indicate decubitus left or decubitus right.



The **E2E®** Thorax SBRT Phantom is a complete system tool for your SBRT program providing end-to-end localization assessment and dosimetric evaluation. The **E2E®** Thorax SBRT Phantom includes two lung tumor volumes with ion chamber cavities in the center of each. Other ion chamber cavities are provided in spinal cord, vertebra body and lung/soft tissue interface. Our new configuration has a removable lung rod insert with an embedded target bisected by a film plane. Additionally it has an axial slice with a film plane right through the vertebral body.

The IMT **iQA** software, developed with our clinical partners, was designed to provide simple, procedural QA process implementation that is therapist-friendly and completely visible to administrative functions. **iQA** supports multiple sites and machines and provides controlled, standardized, and repeatable QA procedures using step-by-step instructions and direct input of critical measurements. **iQA's** database provides historical trend analysis for all locations and will automatically notify the physicist or other administration of QA test results, including any failures or omissions. If necessary, Corrective Action can be initiated and tracked within the software at the first point of failure.



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