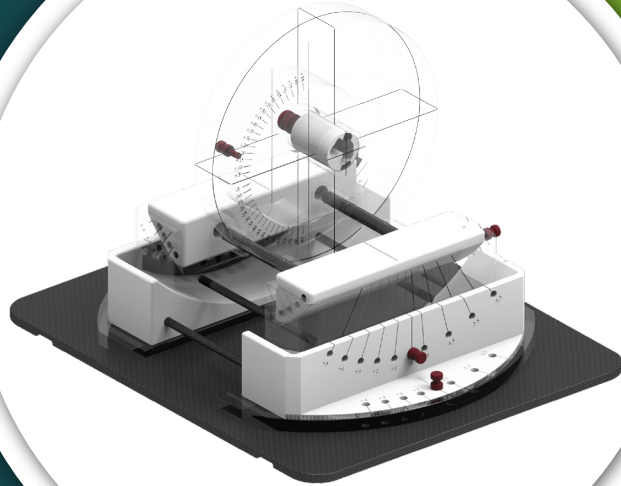
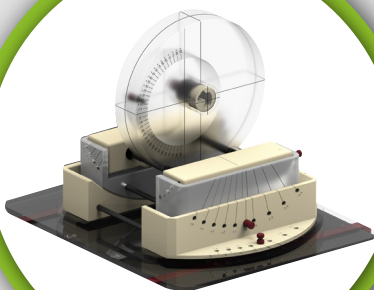


i[®] Phantom Image Registration



The purpose of this Image registration (IR) phantom is to validate the accuracies of the image registration algorithm and couch position. The main body of the phantom is fabricated using acrylic and ABS material which can be inserted with bone material in irregular shape. The phantom holder was constructed in a way to allow tilting and rotation of phantom in 6DOF (Degree of freedom). This IR phantom can provide end-to-end evaluation of the accuracy of Image registration system by using bone insert of irregular shape.



IR phantom is used to validate the accuracy of the Image Registration Algorithm and accuracy of Couch 6DOF (degree of freedom).mm with incremental interval of 1mm.

The typical lifetime of the product is approx.10 years. At the end of the product lifetime, the components of the product must be disposed of in compliance with the applicable waste control regulations. The different materials must be separated and recycled as appropriate. The IR phantom does not contain hazardous materials

Insert Material	Tissue Equivalent & Bone Equivalent
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Insert Shapes	Irregular, Circular & Oval
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Phantom Layers	5 layers for motion & 1 fixed layer
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Motion Range	-5° to +5° in 1° resolution
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