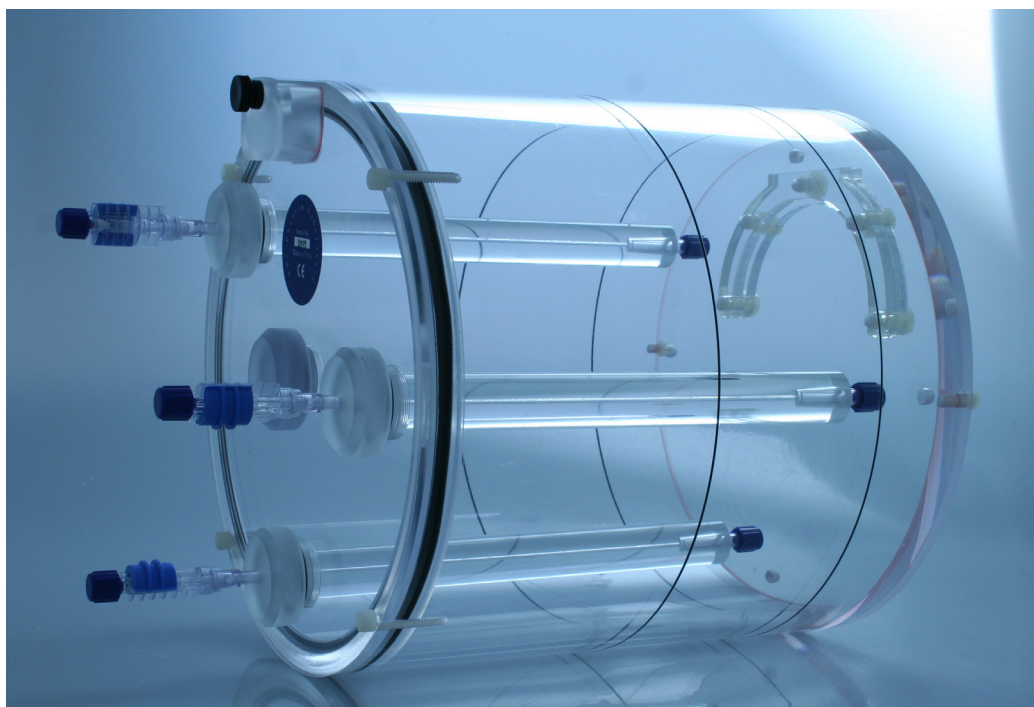


part number
SMR355

page 1 of 1



ECT Line Source Phantom

The ECT Line Source Phantom enables testing for Reconstructed Spatial Resolution with scatter for acceptance testing and routine COR and QC testing.

The phantom has 3 acrylic line sources that thread into the water filled cylindrical tank. The tank has an inside diameter and length of approximately 20cm. The line sources are cast out of a clear urethane, enabling a visual inspection to verify that the line source is fully filled without air gaps. The lines sources are filled outside the tank and then threaded into the tank's removable cover. The active 1mm ID part of the line source is 15cm in length. The phantom is supplied with a wooden case that provides a cantilevered mount, moving the phantom off the imaging table, to allow for testing using a radius of rotation following the recommendations of the NEMA requirement of 15cm.



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