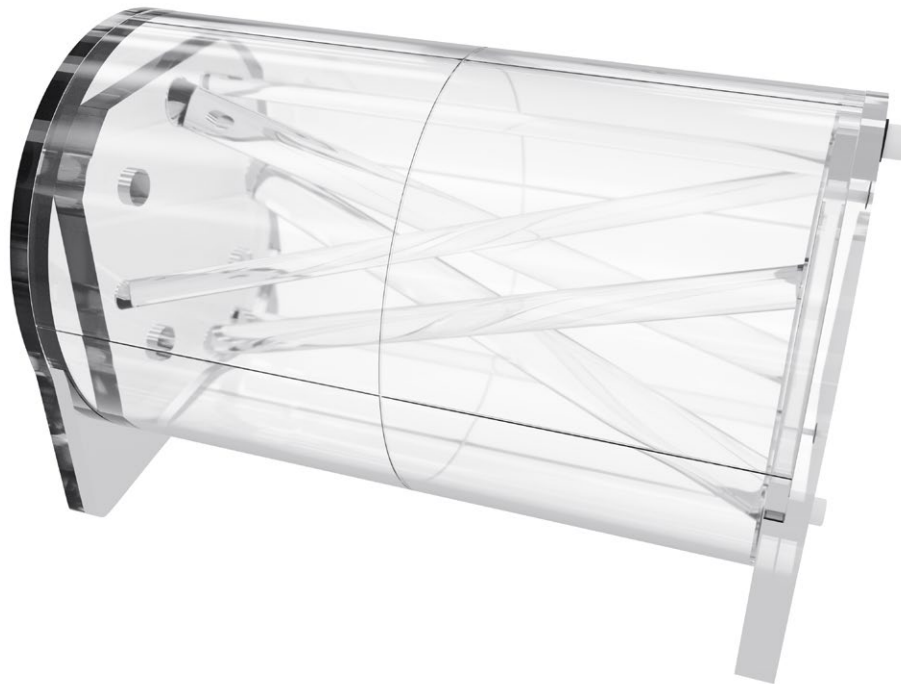


Pro-NM MultiAlign

08-701



The Phantom designed for a simple and cost effective **verification of image alignment and distortion in hybrid scanning systems like PET/CT or NM/CT**. It consists of a cylinder that can be filled with a variety of fluids. Several non-parallel rods of varying diameter and at certain angles in relation to the phantom's axes run the entire length of the cylinder. Images produced with different modalities allow quick and **simple identification of misalignments on fused studies**.

Additionally, the phantom contains 2cm calibration module that is used by Pro-Control software to accurately identify the phantom's position in space and accurately calculate any mismatches.

Technical data (can be modified to customer specifications):

- PMMA cylinder dimensions: 250 x 260 x 410 mm
- 20 mm thick calibration section with four through holes
- 4 PMMA rods: 30, 25, 20, 15 mm in diameter
- filling plugs and vent ports
- carrying handle

Product features:

- Complies with:
 - AAPM Report No. 22 - Rotating Scintillation Camera SPECT Acceptance Testing and Quality Control
- the Manual provides detailed guidelines for carrying out each test, results assessment and registration