

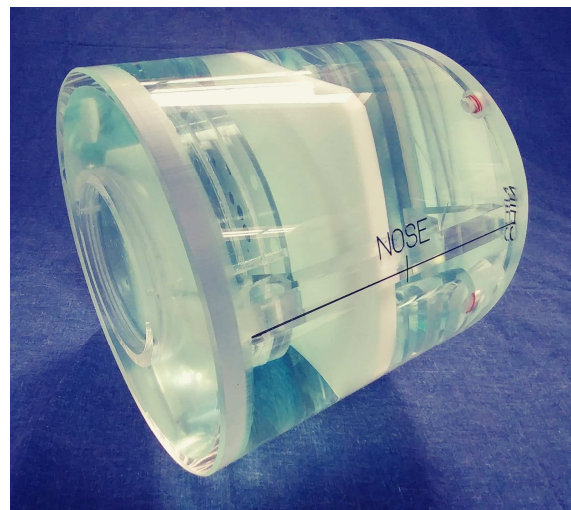
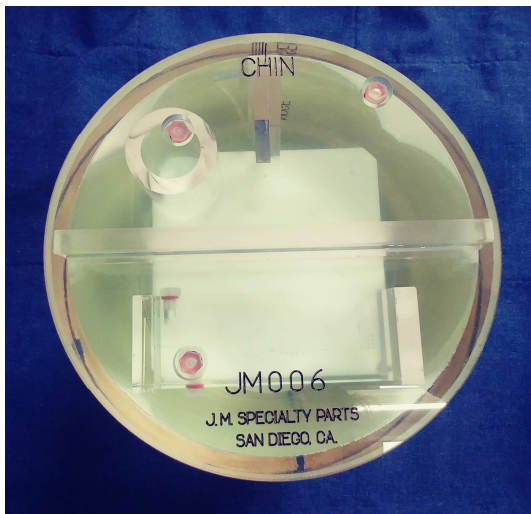
**American College of Radiology  
Accreditation Phantom for Whole Body Scanners**

Manufactured by 

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Item: ACR-PHM (Medium Phantom)

**Specifications** as designated by the American College of Radiology



The phantom is an MRI accessory used to evaluate the performance of an MRI machine.  
HTS: 9018.19.4000

The ACR-PHM MRI phantom is a 7" (177.8mm) diameter cylinder, 6.125" (155.575mm) cylinder length, with various fixtures inside including a dinosaur, drilled plate grid, membrane stack, ramp, resolution block, and S-N chamber.

The level bar is 6.375" (161.93mm) length, .375" (9.53mm) width, .375" (9.53mm) height.

Inside the resolution block is ~1 ml hydrogenated vegetable oil. (brand name – Crisco)

The plate has nine holes, each hole is 1.5mm. Holes are spaced 45mm center to center.

The measured volume of one medium phantom is 2.7 liters.  
The volumes could be +/- 10 ml, maybe more, but likely less.

The salt solution inside the phantom contains <8 grams nickel chloride hexahydrate and 12 grams of sodium chloride in 2.7 liters of water.

This unit may break open if subjected to extremes of temperature.  
Keep temperature between 60-80°F (15-27°C).

MRI PHANTOMS CONTAIN NONE OF THE FOLLOWING:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent Chromium (Cr VI)
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)

FDA has no code for MRI accessories.

These devices are not medical devices according to the European medical device regulation 2017/745. Therefore it is not allowed to label these products with a CE mark.