

## MRI Compatible Syringe Shield for PET



### 9 mm Tungsten MRI Compatible Syringe Shield for PET with Nylon Screw

3-MRI/P	3 cc	MRI Compatible Syringe Shield for PET
5-MRI/P	5 cc	MRI Compatible Syringe Shield for PET
10-MRI/P	10 cc	MRI Compatible Syringe Shield for PET
MRI-000		Replacement Screws for the above Syringe Shields

## PET/MRI Syringe Shield

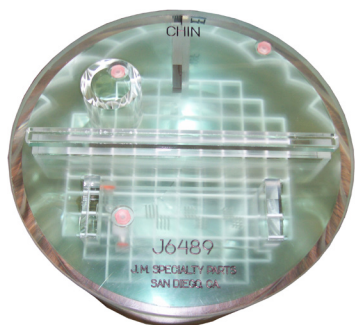
- MR Conditional for 3T
- Constructed of 9 mm tungsten
- 5.6 high density flush mounted lead glass window



007-961 PET/MR Syringe Shield, 3 cc

007-962 PET/MR Syringe Shield, 5 cc

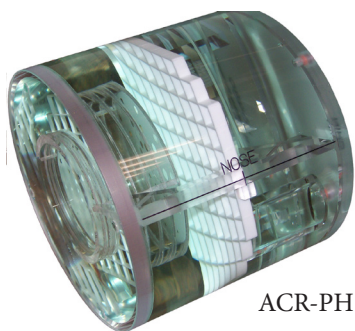
## Large MRI Phantom™



- The ACR-MRI phantom is an 8" (203.2mm) diameter cylinder, 6.82" (173.40mm) tall with various fixtures inside including a dinosaur, grid, membrane stack, ramp, resolution block and S-N chamber
- The measured volume of one, version 2 phantom is 3627 ml ( +/- 10 ml, maybe more, but likely less)
- The salt solution inside the phantom contains <11 grams nickel chloride hexahydrate and 17 grams of sodium chloride in 3.8 liters of water
- Inside the resolution block is hydrogenated vegetable oil
- 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)



ACR-PH1

Large MRI Phantom

## ACR Medium MRI Phantom



ACR-PHM

ACR Medium MRI Phantom

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, 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.