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MRI Quality Assurance Phantom MHR

Item No.	PH-31
Weight	
Brand	KYOTO KAGAKU, JAPAN

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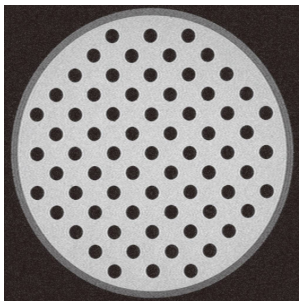
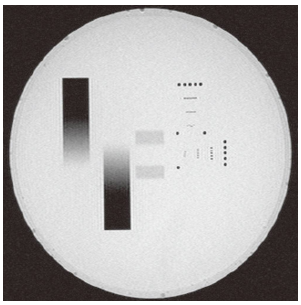
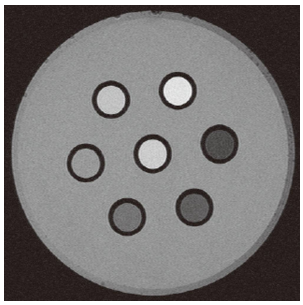
SKU:

Categories: Radiology Phantom

Product Description

This QA phantom for MRI allows to evaluate the slice thickness, spatial resolution, uniformity and geometric distortion as well as contrast

Features	1. Uniformity is maintained under the high magnetic field of 3.0 Tesla 2. Uniformity provides high precision evaluation for other parameters
Set includes	1 phantom unit A / 1 phantom unit B / 1 liquid paraffin / 1 dropper/ 5 NiCl 50ml (5, 10, 15, 20, 25 mmol) / 7 sample bottle (13.5ml) / 1 funnel / 1 petroleum jelly / 1 screwdriver / 1 extra screws / 1 storage case / manual
Size (approx.)	22 dia. x 14(H)cm x 2 types 8.7 dia. x 5.5 in
Packing size (approx.)	W66xD54xH34 cm / W26xD21.3xH13.4 inch
Materials	acrylic resin MRI contrast solution: nickel dichloride (NiCl)
Update	July 9, 2020

Why Choose the MRI Quality Assurance Phantom MHR for Comprehensive MRI QA in India?

The MRI Quality Assurance Phantom MHR (Item No. PH-31, Brand: Kyoto Kagaku, Japan) allows evaluation of slice thickness, spatial resolution, image uniformity, geometric distortion, and contrast in a single comprehensive QA phantom. Image uniformity is maintained even under high magnetic field strength of 3.0 Tesla, providing a reliable foundation for high-precision evaluation of every other parameter.

Training applications:

- Slice thickness evaluation
- Spatial resolution
- Image uniformity
- Geometric distortion
- Image contrast

Set includes: Phantom unit A, phantom unit B, liquid paraffin, dropper, five NiCl solutions 50ml each (5, 10, 15, 20, 25 mmol concentrations), seven 13.5ml sample bottles, funnel, petroleum jelly, screwdriver, extra screws, storage case, manual.

Specifications:

- Size approx. 22cm dia. × 14cm H, available in 2 sizes (8.7in dia. × 5.5in H)
- Packing size approx. W66×D54×H34cm (W26×D21.3×H13.4in)
- Materials: Acrylic resin; MRI contrast solution: nickel dichloride (NiCl)

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Kyoto Kagaku products in India with over 30 years of experience supplying comprehensive MRI QA phantoms to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: How does the MHR differ from the JMR II phantom? A: The MHR offers a broader range of NiCl contrast concentrations (5-25 mmol across five solutions) and is available in two physical sizes, compared to the JMR II's three-concentration range.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.