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MRI Quality Assurance Phantom JMR II

Item No.	PH-32B
Weight	
Brand	KYOTO KAGAKU, JAPAN

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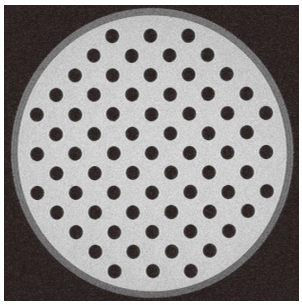
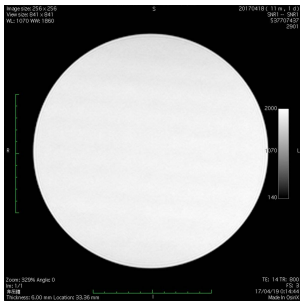
SKU:

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 3.1 Tesla 2. Uniformity provides high precision evaluation for other parameters
Training skills / Applications	Signal noise ratio (SNR) / Image uniformity / Slice thickness / Spatial resolution / Geometric distortion / Ghost / Image contrast
Set includes	1 phantom unit A / 1 phantom unit B / 1 liquid paraffin / 1 spout / 3 NiCl 50ml (5, 10, 15 mmol) / 3 sample bottle (9 ml) / 1 funnel / 1 petroleum jelly / 1 screwdriver / 1 extra screws / 1 storage case / manual
Size (approx.)	18 dia. x 13(H)cm / 7.1dia. x 5.1inch
Materials	Acrylic resin
Update	July 9, 2020

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

The MRI Quality Assurance Phantom JMR II (Item No. PH-32B, 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 (up to 3.0 Tesla — please verify against source brochure), providing a reliable foundation for high-precision evaluation of every other parameter.

Training applications:

- Signal-to-noise ratio (SNR)
- Image uniformity
- Slice thickness
- Spatial resolution
- Geometric distortion
- Ghosting artifact evaluation
- Image contrast

Set includes: Phantom unit A, phantom unit B, liquid paraffin, spout, three NiCl solutions 50ml each (5, 10, 15 mmol concentrations), three 9ml sample bottles, funnel, petroleum jelly, screwdriver, extra screws, storage case, manual.

Specifications: Size approx. 18cm dia. × 13cm H (7.1in dia. × 5.1in H). Materials: Acrylic resin.

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 many QA parameters can this single phantom evaluate? A: Seven — signal-to-noise ratio, image uniformity, slice thickness, spatial resolution, geometric distortion, ghosting, and image contrast — using two phantom units and three graduated NiCl solutions.

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