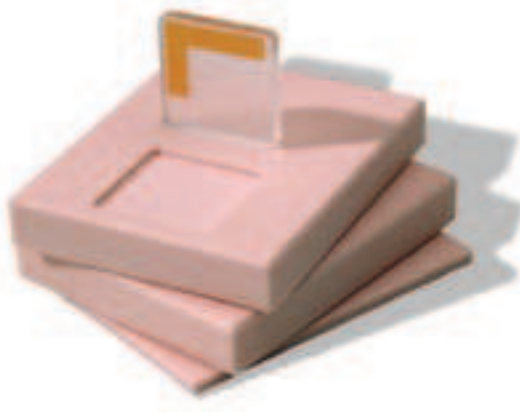


18-216

Single-Exposure High Contrast Resolution Phantom



The 18-216 Single-Exposure High-Contrast Resolution Phantom incorporates a 17.5 micrometer-thick gold-nickel alloy bar pattern. This allows the assessment of resolution perpendicular and parallel to the anode-cathode axis in just one exposure. This pattern has segments from 5 lp to 20 lp/mm and is equivalent to 25 micrometers of lead, or 2.6 mm of aluminum at 20 keV. The bar pattern is permanently embedded in a thin acrylic

wafer, to protect it from wear and damage.

The phantom body is available in BR-12 or BR50/50. It enables consistent, reproducible positioning of the bar pattern at 4.5 cm above the breast support plate at 1 cm from the chest wall, centered laterally as recommended by the American College of Radiology.

The bar pattern can also be positioned at a variety of heights for more thorough evaluations.

Key features

- Perform quality control inspections of mammography system resolution with just one exposure
- Meets ACR guidelines
- Meets MQSA requirements
- Rugged, easy-to-use, and cost-effective
- The phantom includes a 30x handheld microscope.



Specifications

Material	BR12 or BR50/50
Dimensions (WxDxH)	100 mm x 125 mm x 20 mm
Weight	0.57 kg (1.3 lb)

Optional accessories

18-216-2555 Acrylic Wafer Test Pattern

Included accessories

30x handheld microscope

Ordering information

18-216 Single-Exposure High Contrast Resolution Phantom, BR-12

18-216-1000 Single-Exposure High Contrast Resolution Phantom, BR50/50