

QUART dent/digitest M1 & M2

Dental Manufacturer Test Phantoms



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Manufacturer Test Phantoms for QA/QC & Critical Examination of Dental X-Ray Equipment



The *QUART dent/digitest M1 & M2* phantoms are extended versions of our *dent/digitest* standard line of products. They are tailored to meet critical manufacturer requirements.

The phantoms incorporate additional test objects which allow a very detailed image examination and/or critical assessment of generator performance.

Phantom Description

- _ Separable Design for all dental modalities
- _ Size: 8x8x3.6 cm (LxWxH)
- _ Slit to slide out intra-oral sensor without pulling the cable and/or secure sensor cable routing
- _ 3 centring rings with different diameters
- _ M1: 45° Line Pair Test (4/5/5.5/6/7/8/9 Lp/mm; 0.05 Pb) - for Pano/Ceph
- _ M2: 45° Line Pair Test (10/12/14/16/18/20 Lp/mm; 0.05 Pb) - for intra-oral
- _ 6 Low Contrast objects (Ø 2.5/2/1.5/1/0.75/0.5 mm)
- _ Special Feature: Low-Contrast Wedge to determine actual perceptability limits
The wedge is integrated in the phantom body, located between the line pair resolution bar pattern and the low-contrast objects (see lowest fig.).
- _ Slots for digital storage screen, intra-oral sensor, dose detector
- _ Integrated standard filtration 6 mm Al (purity 99.5% guaranteed)

Test Parameters

- _ Spatial Resolution up to 9 Lp/mm (M1) or 20 Lp/mm (M2)
- _ Low-Contrast Resolution
- _ Perceptability Limit
- _ Radiation Field Alignment
- _ Image Homogeneity
- _ Artefacts, Image Flaws, etc.

Delivery includes

- ✓ *QUART dent/digitest M1 or M2* Test Phantom
- ✓ Manual
- ✓ Transport Case with Foam Insert

