

QUART dent/digitest M1 & M2

# Dental Manufacturer Test Phantom

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# QUART dent/digitest M2

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

The QUART dent/digitest M1 & M2 phantoms are extended versions of our digitest line of products. They are tailored to meet particular 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)
- \_ Slots for digital storage screen, intra-oral sensor, dose detector
- \_ Integrated standard filtration 6 mm Al (purity 99.5% guaranteed)

NB: An additional Low Contrast Wedge is available to determine actual perceptability limits. If ordered, the wedge will already be integrated in the phantom body (see fig.).

## 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

