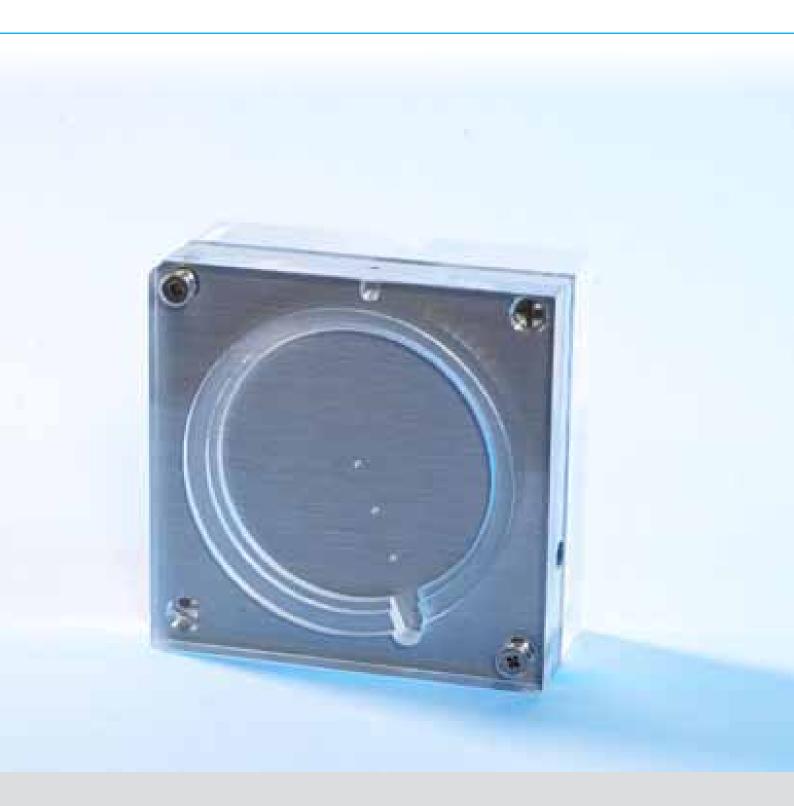


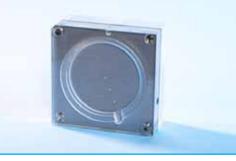
QUART dent/digitest M1 & M2

# Dental Manufacturer Test Phantoms



## QUART dent/digitest M1 & M2

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

