

VISION

THE LEEDS TEST OBJECTS NEWSLETTER
FEBRUARY 2011

the second issue of VISION is here

Welcome to the second edition of Vision, the bi-annual newsletter for Leeds Test Objects. In this issue of Vision we feature details of new product releases, news on the progress of products in development and news about members of our team.

Adrian Walker MSc
Director

what you can find in this issue

- Team news
- ISO 9001:2008
- SEDENTEXCT phantom
- Distributors' area
- We are working on

Leeds Test Objects launches distributors' area.



we gain ISO 9001:2008 certification



We've been working hard to further our commitment to quality and the continual improvement of our products and services. We are proud to announce that as of 12th January 2011 we are an ISO9001: 2008 certified company.

SEDENTEXCT phantoms launched



The culmination of the last three years' work on image quality and dosimetry in dental CBCT carried out by the SEDENTEXCT research consortium results in the launch of two phantoms; the SEDENTEXCT IQ and the SEDENTEXCT DI.

visit us at ECR 2011



EXPO E / BOOTH 535

ECR European Congress of Radiology
MARCH 4th - 7th 2011
VIENNA, AUSTRIA

team news

Growth within Leeds Test Objects and the MiRO group has led to the promotion of Adrian Walker to the position of Director, and the appointment of Debbie Barlow to our production and inspection team.

Adrian Walker MSc
Director



Debbie Barlow
Test Object Technician



we gain ISO 9001:2008 certification

Quality is our priority at Leeds Test Objects and we have worked hard in the latter half of 2010 to develop a quality management system we can be proud of. Our certification to ISO9001: 2008 reflects the high level of commitment to our company's quality policy.

Our aim is to supply our customers with zero-defect product, on time, every time. In order to achieve this we need both an effective quality management system and a close relationship with our customers. Your feedback on all aspects of our product and service quality can help us to continually improve. We've made great strides in 2010, but recognise that there will always be room for improvement and we encourage you to make suggestions as to how you think we can improve our service to you.



SEDENTEXCT phantom



The European collaboration SEDENTEX-CT dental cone beam CT project has now reached a successful completion and participant Leeds Test Objects Ltd is proud to announce its launch of the SEDENTEX-CT dental cone beam CT phantoms.

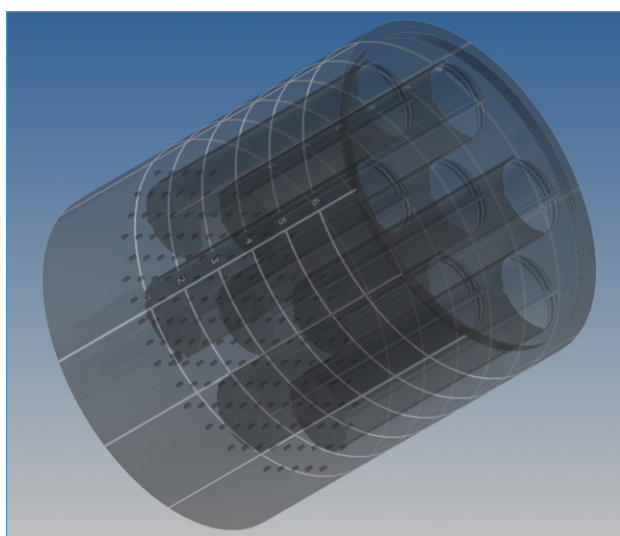
The SEDENTEX-CT IQ image quality phantom comprises a PMMA cylinder, representing the adult head, into which test inserts are slotted allowing the user to measure:

- noise/uniformity
- geometric distortion
- spatial resolution
- contrast resolution
- pixel intensity value
- beam hardening artefacts

The SEDENTEX-CT DI dose index phantom comprises a stack of PMMA plates forming a cylinder representing the adult head. Several types of detector system are catered for:

- ionisation chambers
- thermoluminescent detectors (TLDs)
- gafchromic film

Both phantoms are supplied in tough protective cases.



Distributors' area



We're supporting our distributors, contact us for details of how to access our distributors area where you will find a library of:

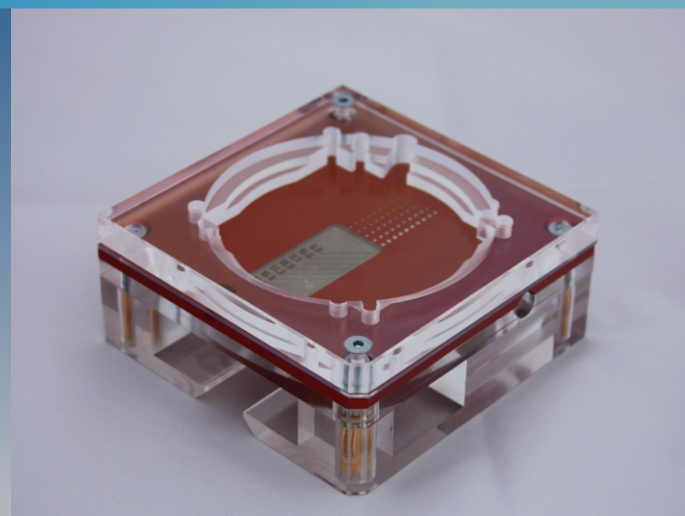
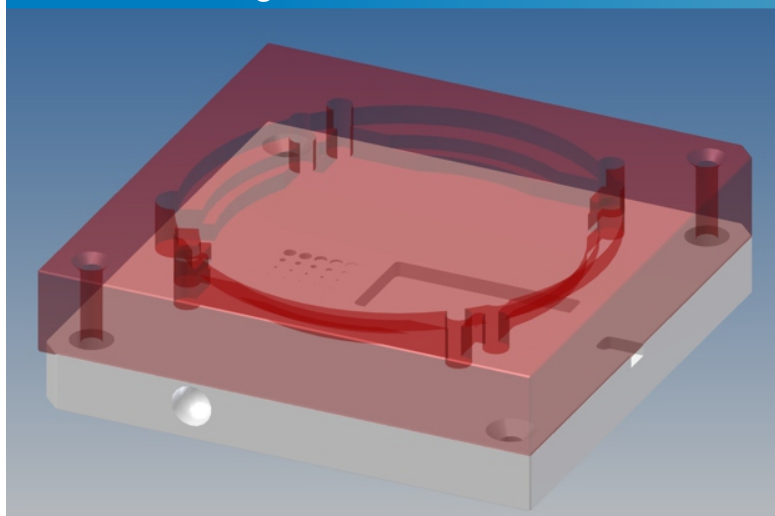
- product specification sheets
- brochures
- leaflets
- high resolution LTO logo
- roll-up banners for hire or purchase
- archive of Vision newsletters

we are working on

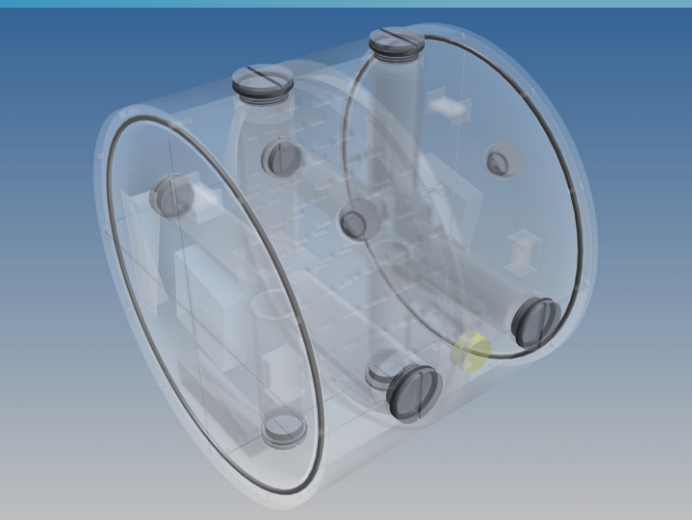
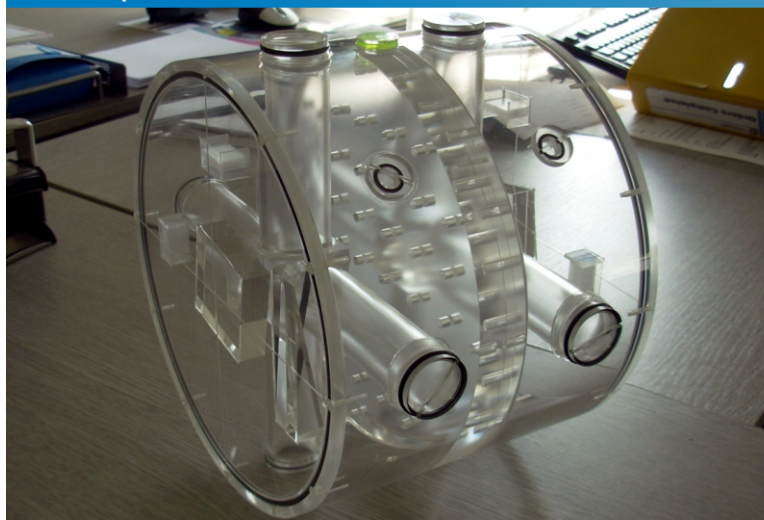
MRI image quality, anthropomorphic training aids, Digital Force Gauge for mammography, TOR DEN Digital +, Ultrasound image quality, Linac geometry and dosimetry, fluoroscopy step wedge PET and PET/CT, digital breast tomosynthesis.

We look forward to giving you further news on these projects in our next issue of Vision.

TOR DEN Digital +

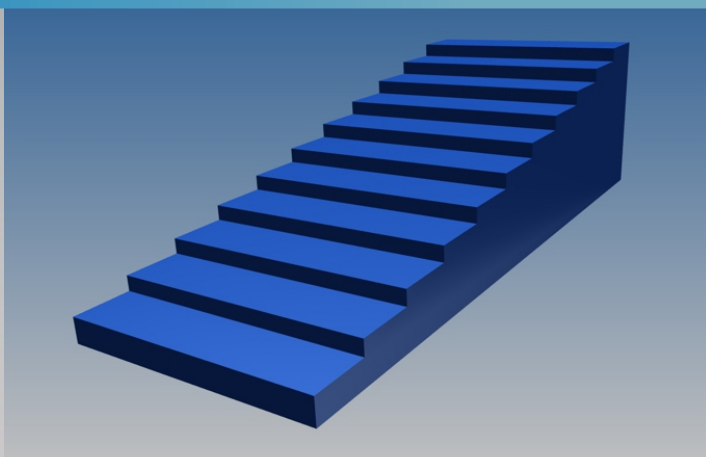
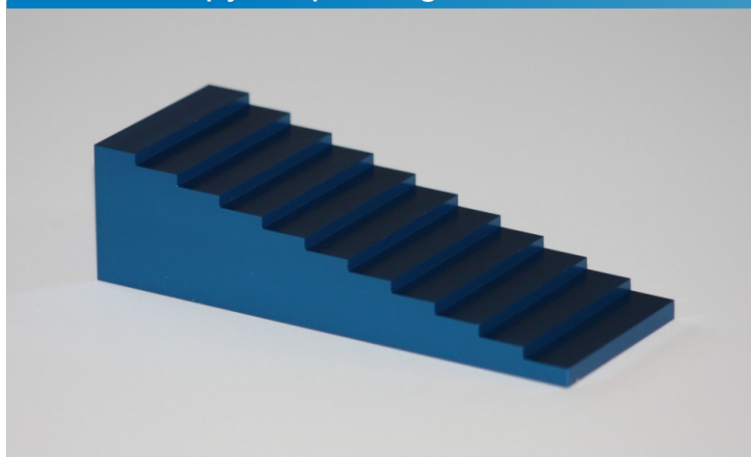


MRI phantom



The Leeds Test Objects MRI image quality phantom and software is in the final stages of clinical testing and will be available before the end of August 2011.

Fluoroscopy Step Wedge



The Leeds Test Objects fluoroscopy step wedge is manufactured from Aluminium and comprises 11 steps, step 1 is 5 mm high and subsequent steps are 3 mm high.