

Our VISION for Leeds Test Objects

Welcome to the August 2017 edition of VISION. We hope you enjoy reading about our latest product developments, sales and marketing efforts.

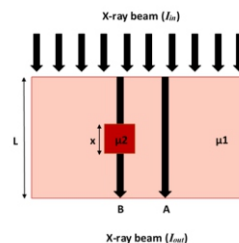
CONTENTS

- Focus On...
- New Products
- LTO Training Webinars
- Distributor Log-in Area
- Exhibitions
- Mystery Radiograph Competition

Distributor Training Meeting 2017- Webinar Sessions

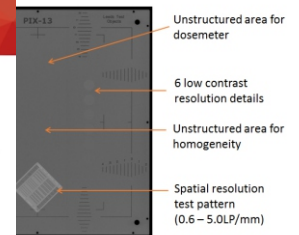
PIX13

Contrast Resolution



Intensity B
(contrast
detail)

Intensity A
(background)



In October 2017, the LTO distributor training meeting will be held as a series of webinar sessions. See inside, for further details of the webinar schedule and how to join in.

Follow us on Twitter & YouTube



Follow us on twitter
#leedstestobject

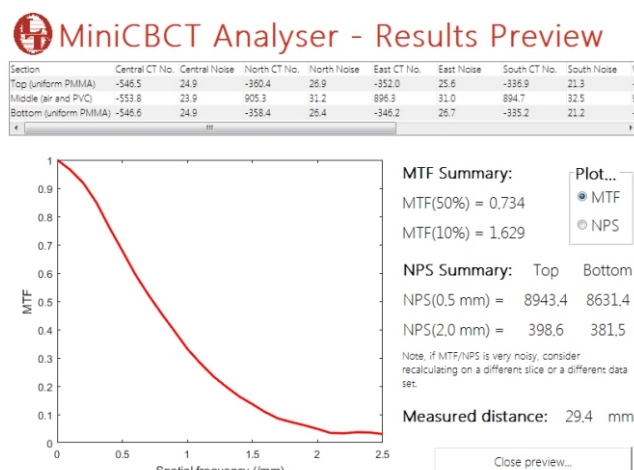
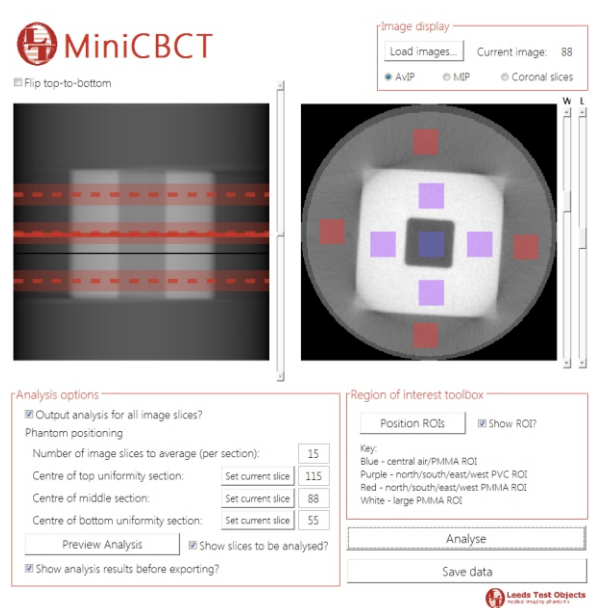


Follow us on YouTube search for
Leeds Test Objects



Free Software...

Leeds Test Objects have now developed analytical software for the following QA phantoms:
TO MTF, CT-AEC and CBCT-161 MINI



The software will be provided free of charge to all customers who purchase one of these three products. All distributors who have previously purchased these phantoms should already have received the free software. If not, or you would like more information, please get in touch.

FOCUS ON...



SAUDI ARABIA - Tech Flow

Tech Flow (previously known as Health Physics) have been successful in winning a significant tender for the supply of Leeds Test Objects QA phantoms to the Saudi Ministry of Health.

Congratulations to all concerned!

NEW PRODUCTS

TOMO-IQ

TOMO-IQ is a set of image quality phantoms for the testing of tomosynthesis mammography systems.

This phantom set has been designed according to the EUREF Breast Tomosynthesis Quality Control Protocol Version 1.0

TOMO-IQ set includes:

- TORMAM phantom
- PIXMAM 3D
- MTF edge
- Filters
- Rulers
- Spacers



CBCT-161 MINI

CBCT-161 MINI is a miniaturised version of the CBCT-161 phantom, suitable for small FOV CBCT systems. It comes with a simple to use leveling and positioning platform.

This phantom enables measurement of:

- Pixel intensity value linearity
- Noise
- CNR
- Homogeneity
- Artefacts
- MTF

The CBCT-161-MINI phantom is supplied with free autoscoring software!





LTO Training Webinars 2017

Want to learn more about the Leeds test objects product range? then schedule the dates below into your diaries. In 2017, to enable our distributors from all over the world to participate in the training meeting, the LTO training will be held as a series of webinars!

They will be split into 4 different topics and each webinar will be repeated at 3 different times during the day.

Please note each topic will only be broadcast on the date specified. Just select the most suitable timeslot!

The schedule for the webinars is as follows:

<u>Topic</u>	<u>Date</u>	<u>London (UTC)</u>	<u>Delhi (UTC+4.5)</u>	<u>Hong Kong Or Beijing(UTC+7)</u>	<u>Los Angeles (UTC+8)</u>
Intro	17/10/17	08:00 10:00 17:00	12:30 14:30 21:30	14:00 16:00 24:00	00:00 02:00 09:00
Radiography, Fluoroscopy & Dental	18/10/17	08:00 10:00 17:00	12:30 14:30 21:30	14:00 16:00 24:00	00:00 02:00 09:00
Mammography & Tomosynthesis	24/10/17	08:00 10:00 17:00	12:30 14:30 21:30	14:00 16:00 24:00	00:00 02:00 09:00
MRI/CT/PET (3D-Imaging)	25/10/17	08:00 10:00 17:00	12:30 14:30 21:30	14:00 16:00 24:00	00:00 02:00 09:00

Please contact us if you are interested in taking part. Further details will be sent nearer the time.

Log-In Area

Don't forget to access the distributor log-in area. You can access the presentation slides from the distributor training meeting as well as product specification sheets.

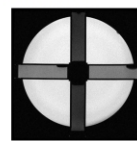
Let us know if you need your log-in password details.



Geometric Accuracy

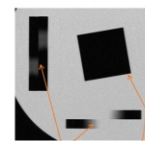
MagIQ

Fat Suppression



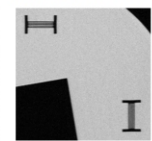
"Classic" suppression on 1.5T GE Signa

Slice Profile / MTF



Pairs of 10° wedges, separated by 1mm; Square oriented at 10° for MTF measurement

Phase/Frequency Resolution



1.0 LP/mm bar patterns arranged at 90° - Pass/fail test

Image pair to compare on set

EXHIBITIONS

Leeds Test Objects at ECR 2017

It was great to meet so many of our distributor partners at ECR in March this year. A number of new products were featured, including the new MRI phantoms: MagIQ Diffusion and MagIQ Oncology.

Also new was the range of Orthopaedic scaling products: MagiCAL & MagiLONGUE.



MediScientific at UKRCO 2017

In June 2017, MediScientific attended a very successful UKRCO Exhibition, showcasing some of the latest additions to the Leeds Test Objects product range.



Future Exhibitions:

France - JFR 13th-16th Oct. Our partners, Qualimedis and Meditest will both be exhibiting at JFR

USA - RSNA 26th-30th Nov, Chicago. Visit the Radcal booth: No 1529

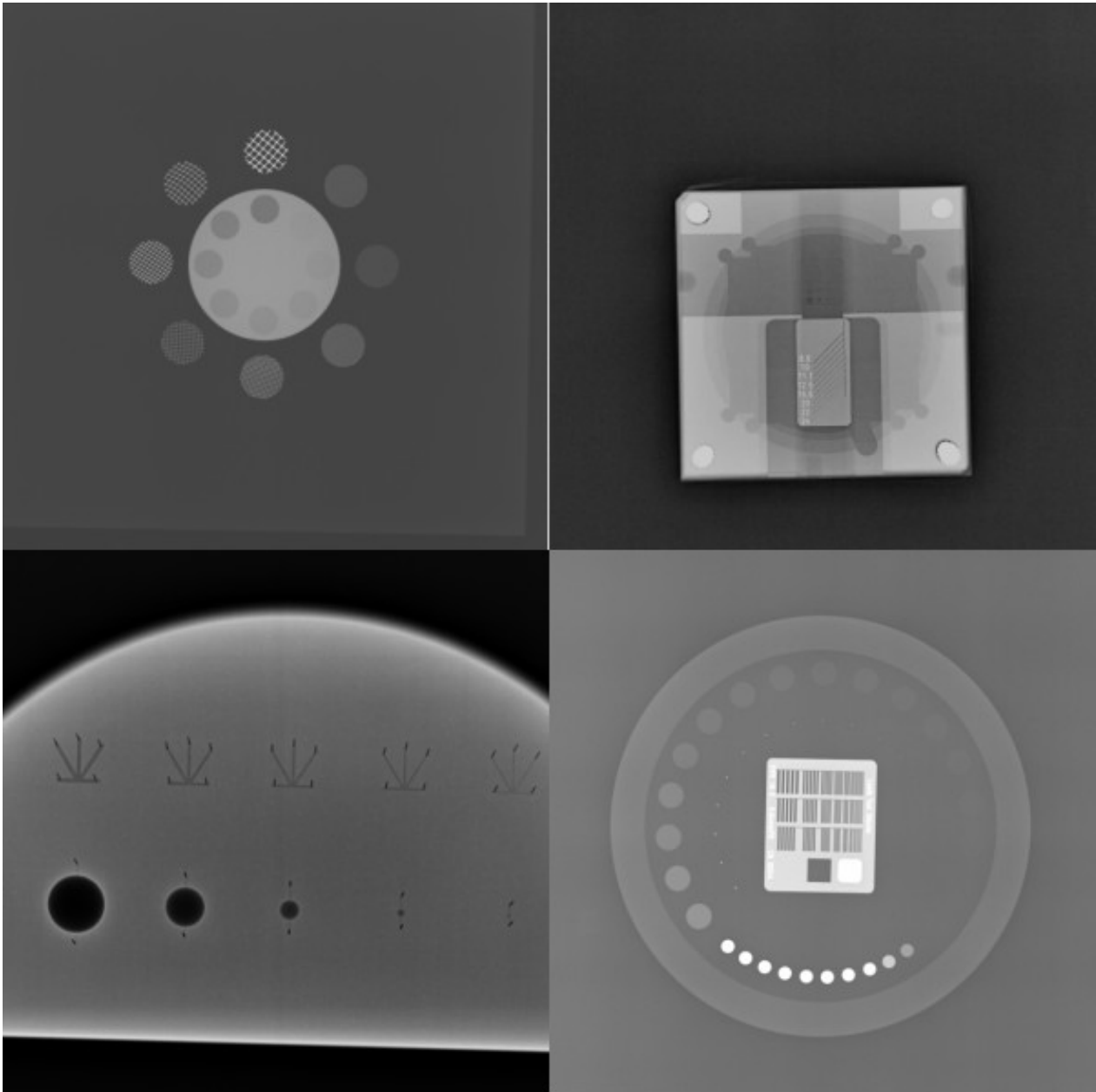
Let us know if you have any exhibitions in 2018



MYSTERY RADIOGRAPH...

In each issue of VISION we will show a radiograph of a mystery object.
Congratulations to the winner of the February 2017 mystery competition - Cyberqual (Italy).

In this Issue, we have created a radiographic “collage” made up from different LTO phantoms. How many different LTO phantoms can you identify?



Email your answers to:
info@leedstestobjects.com

The answer that correctly identifies the most
LTO phantoms will win a set of x-ray rulers.

Closing date for the competition entry is 30th September 2017