

Product update notification: TCBENCH series now integrates LTCLHP illuminators

June 6th 2014

Dear Valued Customer,

Starting June 17th 2014 **TCBENCH series** will integrate new LTCLHP collimated illuminators (Green) instead of LTCL. Opto Engineering TCBENCH series are telecentric optical bench kits designed for hassle-free development of demanding measurement applications. New illuminators offer many advantages over the old series, including:

- improved illumination stability
- more precise light intensity tuning
- easy LED source replacement

Here follows list of the part numbers involved:

TCBENCH009	TCBENCH056
TCBENCH016	TCBENCH064
TCBENCH024	TCBENCH080
TCBENCH036	TCBENCH096
TCBENCH048	

- Orders received starting from 17/06/2014 will receive TCBENCH with the new illuminator (LTCLHP)*
- Orders received until 16/06/2014 will receive TCBENCH with the old illuminator (LTCL)

Each TCBENCH kit integrates:

ITEMS included in TCBENCHxxx kits	
Until 16/06/2014	Starting from 17/06/2014
1 bi-telecentric lens for 2/3" detectors	1 bi-telecentric lens for 2/3" detectors
1 LTCL telecentric illuminator (green)	1 LTCLHP telecentric illuminator (green)
2 CMHO mechanical clamps	2 CMHO mechanical clamps
1 CMPT base-plate	1 CMPT base-plate
1 PT chrome-on-glass calibration pattern	1 PT chrome-on-glass calibration pattern
1 CMPH pattern holder	1 CMPH pattern holder

All enquires and requests should be directed through the normal sales channels. Please **contact** our sales engineers to discuss about your specific needs. You will find further information about our products at www.opto-engineering.com

NOTES

* Please note that LTCLHP illuminators are approximately 14 mm longer than the corresponding LTCL model. Mechanical drawings are available online.