

TCBENCH 009

Telecentric optical bench, magnification 1.00

Object field of view

with 1/2" detector (6.4 x 4.8 mm)	(mm x mm)	6.40 x 4.80
with 1/1.8" detector (7.13 x 5.37 mm)	(mm x mm)	7.13 x 5.37
with 2/3" detector (8.8 x 6.6 mm)	(mm x mm)	8.44 x 7.06

Optical specifications

Magnification	(x)	1.000
Light color, peak wavelength		green, 520 nm
Optical Accuracy (1)	(μ m)	< 5
Optical Accuracy (1)	(%)	< 0.06%
Field depth	(mm)	1.2
CTF @ 70 lp/mm	(%)	> 35

Dimensions

Length	(mm)	282
Width	(mm)	56.0
Height	(mm)	78.5
Mass	(g)	900
Mount		C

Items included

TC 23 009	Bi-telecentric lens for 2/3" detectors, magnification 1.000 x, C-mount
LTCL 023-G	Telecentric illuminator, beam diameter 16 mm, green
CMHO 023	Clamping mechanics for TCxx004, 007, 009, 012 and LTCL023-X
CMPT 004-009	Mounting plate
PT 004-009	Calibration pattern
CMPH 004-024	Pattern holder

NOTES

1. Maximum measurement error without software calibration; standard image correction libraries yield close to zero measurement error.

