



mobilux[®] **DIGITAL** Inspection



mobilux® DIGITAL Inspection

- Inspection, magnified display and documentation of defined quality characteristics
- Non-contact, optical inspection in areas such as manufacture, quality control and repair



CUSTOMER BENEFITS

- ✚ Precisely detailed representation due to high magnification range
- ✚ Measurement and comparison feature by means of adjustable scales and templates
- ✚ Great variability with lighting and exposure settings for the widest variety of applications
- ✚ Storage of test images in HD quality and transfer to the PC
- ✚ Simultaneous comparative measurements of target vs actual state are possible via split screen on PC
- ✚ High focus depth and connection facility to table-top tripod for use in variable operating distances

Delivery contents

- mobilux® DIGITAL Inspection incl. removable SD card (4 GB)
- Charger with adapters for EU, US, GB, AUS
- USB cable, length 2 m
- Hand carrying strap
- Brief instructions
- Storage case
- Measurement software
- Calibration plate

Item No. 1651101

TECHNICAL FEATURES

Screen size/resolution	4,3"/480 x 272
Screen surface	matt
Screen dimming	100 %, 75 %, 50 % brightness
Function selection and control	via touchscreen or via software on PC
Magnification on the display	4 x, 5 x, 6 x, 8 x, 10 x, 12 x, 15 x (above) 1.5 x up to 5.6 x in 8 cm height (distance screen - object)
Magnification on the PC (e.g.: 24" monitor)	21 x up to 80 x
Depth of field	-5 mm up to + 40 mm, dependent of set magnification
The smallest resolvable detail	> 0.05 mm
Scale accuracy	4 x up to 10 x: 0.5 mm, 12 x up to 15 x: 0.25 mm
Measuring function	scale, template
Scale calibration function	above and up to +20 mm distance
Illumination	2 x LED, cold white
LEDs can be dimmed separately	levels: 100 %, 50 %, off
Automatic exposure	automatic exposure lockable
Exposure correction	manually adjustable, 11 steps
Black and white mode	manual setting
Image storage	up to 10,000 on removable SD card
Image resolution	1280 x 720
Image format	16:9, JPEG
Images transferable	with SD card and USB cable
Integral image viewer	yes
Zoom into the image	6 magnification levels from the original image
Automatic switch-off	can be activated as required
Battery operation time/ Battery charging time	approx. 3 hours, information on level of charge all 25 %/ approx. 2 hours 15 minutes
Weight	230 g
Stand	free-standing, 2 positions
Tripod connection	tripod screw thread (1/4" thread) in the base



PC FUNCTIONS

Connection	via USB cable
Measuring software	incl., contained on SD card
Magnifier management	possible using measuring software
Live image on PC	yes
split screen/simultaneous comparison	yes
Live image transfer via Skype	yes



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