



User Manual

PCE-CIC Series Color Viewing Box



User manuals in various languages (Deutsch, français, italiano, español, português, nederlands, türk, polski, русский, 中文) can be downloaded here:

www.pce-instruments.com

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1 Safety notes

Please read this manual carefully and completely before you use the device for the first time. The device may only be used by qualified personnel and repaired by PCE Instruments personnel. Damage or injuries caused by non-observance of the manual are excluded from our liability and not covered by our warranty.

- The device must only be used as described in this instruction manual. If used otherwise, this can cause dangerous situations for the user and damage to the meter.
- Do not expose the device to extreme temperatures, direct sunlight, extreme humidity or moisture.
- Do not expose the device to shocks or strong vibrations.
- The case should only be opened by qualified PCE Instruments personnel.
- Never use the instrument when your hands are wet.
- You must not make any technical changes to the device.
- The appliance should only be cleaned with a damp cloth. Use only pH-neutral cleaner, no abrasives or solvents.
- The device must only be used with accessories from PCE Instruments or equivalent.
- Before each use, inspect the case for visible damage. If any damage is visible, do not use the device.
- Do not use the instrument in explosive atmospheres.
- Before using the device after transportation, check if the neon tubes are fixed in place.
- The lamps, especially the D65 lamp, should be replaced after 2,000 hours of use. Record the time of use of each lamp.
- Non-observance of the safety notes can cause damage to the device and injuries to the user.

We do not assume liability for printing errors or any other mistakes in this manual.

We expressly point to our general guarantee terms which can be found in our general terms of business.

If you have any questions please contact PCE Instruments. The contact details can be found at the end of this manual.



2 Specifications

2.1 Technical specifications

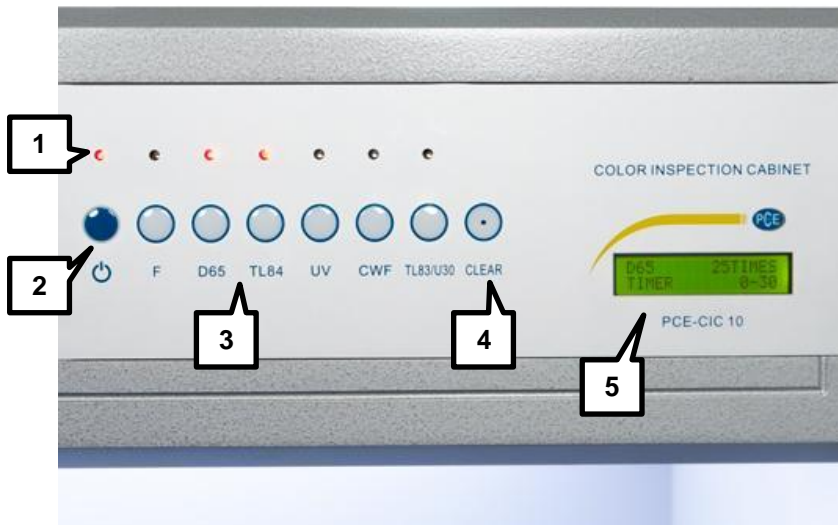
PCE-CIC 10	
House light	A / F
Artificial daylight	D65
Fluorescent	TL84 / F11
Ultraviolet	UV
Office / business / storage room light	CWF
Business / office lighting (USA)	TL83 / U30
Standards	ASTM D1729 ISO3664 DIN ANSI BSI
Dimensions	1310 x 600 x 800 mm
Weight	65 kg

PCE-CIC 11	
House light	A / F
Artificial daylight	D65
Fluorescent	TL84 / F11
Ultraviolet	UV
Office / business / storage room light	CWF
Business / office lighting (USA)	TL83 / U30
Standards	ASTM D1729 ISO3664 DIN ANSI BSI
Dimensions	695 x 552 x 502 mm
Weight	19.5 kg

2.2 Delivery contents

- 1 x colour matching cabinet PCE-CIC 11 or PCE-CIC 10
- 4 x bulbs Philips ZS 40 W
- 2 x fluorescent tube Philips Lifemax TLD 18W / 840
- 2 x fluorescent tube Philips Lifemax TLD 18W / 33-640
- 2 x fluorescent tube Philips Lifemax TLD 18W / 830
- 1 x fluorescent tube Sylvania Standard, F20T12 / D65
- 1 x fluorescent tube Philips TL-D 18W BLB
- 1 x instruction manual

3 System description



1. Status LEDs
2. On/Off button
3. Light source buttons
4. Clear button
5. Display

4 Operation

1. Connect the device to a wall socket by using the power cable.
2. Press the On/Off button to turn on the device. The display shows the total running time of the cabinet.
3. Activate the desired light source by pressing the particular button. The display now shows the total service time of the selected lamp.
You can also use two or more light sources by selecting them with the particular buttons.
4. Put the samples in the cabinet and check their colour characteristics. If you analyse more than one item, do not let them overlap.
5. The item should be viewed from a 45° angle. The incidence of light should be perpendicular to the surface of the sample.
6. Once you are finished with checking the samples, press the On/Off button to turn off the device.

Lamp replacement

To replace a lamp, follow these steps:

1. Take out the old lamp.
2. Put in the new lamp. Make sure that the new lamp is in the right position.
3. Turn on the device by pressing the On/Off button.
4. Activate the new lamp by pressing the particular button.
5. Use a small object (like a paper clip or a small screwdriver) and put it in the hole of the Clear button. Once you pressed the button, the usage time of the selected lamp jumps back to zero.

5 Warranty

You can read our warranty terms in our General Business Terms which you can find here: <https://www.pce-instruments.com/english/terms>.

6 Disposal

For the disposal of batteries in the EU, the 2006/66/EC directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose.

In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law.

For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations.

If you have any questions, please contact PCE Instruments.





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