



User Manual

PCE-CIC Series Color Matching Cabinet



User manuals in various languages (Deutsch, français, italiano, español, português, nederlands, türk, polski, русский, 中文) can be downloaded here:
www.pce-instruments.com

Last change: 14 June 2017
v1.0



Contents

1	Safety notes.....	1
2	Specifications.....	2
2.1	Technical specifications	2
2.2	Delivery contents.....	2
3	System description	3
4	Operation.....	4
5	Contact	5
6	Disposal.....	5

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

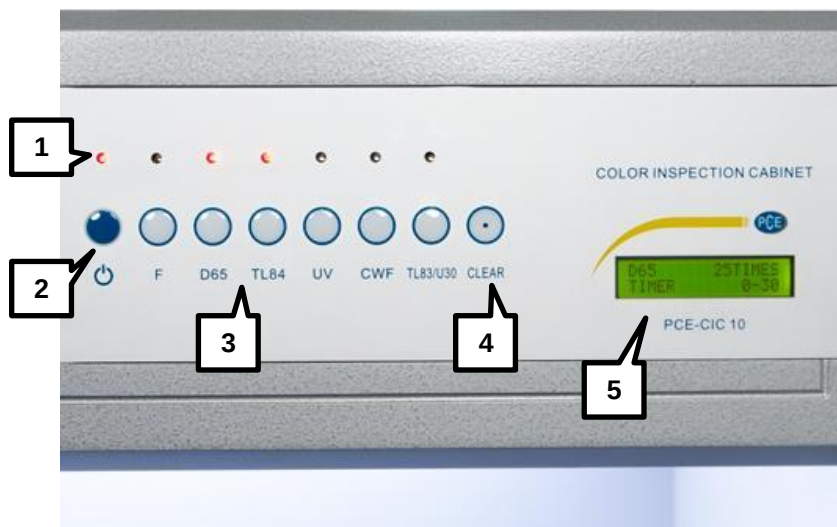
PCE-CIC 10	
House light	A / F
Artificial daylight	D65
Fluorescent	TL84 / F11
Ultraviolet	UV
Office / business / storage room light	CWF
Business / office lighting (USA)	TL83 / U30
Standards	ASTM D1729 ISO3664 DIN ANSI BSI
Dimensions	1310 x 600 x 800 mm
Weight	65 kg

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 Contact

If you have any questions, suggestions or technical problems, please do not hesitate to contact us. You will find the relevant contact information at the end of this user manual.

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.





PCE Instruments contact information

Germany

PCE Deutschland GmbH
Im Langel 4
D-59872 Meschede
Deutschland
Tel.: +49 (0) 2903 976 99 0
Fax: +49 (0) 2903 976 99 29
info@pce-instruments.com
www.pce-instruments.com/deutsch

France

PCE Instruments France EURL
23, rue de Strasbourg
67250 SOULTZ-SOUS-FORETS
France
Téléphone: +33 (0) 972 3537 17
Numéro de fax: +33 (0) 972 3537 18
info@pce-france.fr
www.pce-instruments.com/french

Spain

PCE Ibérica S.L.
Calle Mayor, 53
02500 Tobarra (Albacete)
España
Tel. : +34 967 543 548
Fax: +34 967 543 542
info@pce-iberica.es
www.pce-instruments.com/espanol

United States of America

PCE Americas Inc.
711 Commerce Way suite 8
Jupiter / Palm Beach
33458 FL
USA
Tel: +1 (561) 320-9162
Fax: +1 (561) 320-9176
info@pce-americas.com
www.pce-instruments.com/us

United Kingdom

PCE Instruments UK Ltd
Units 12/13 Southpoint Business Park
Ensign Way, Southampton
Hampshire
United Kingdom, SO31 4RF
Tel: +44 (0) 2380 98703 0
Fax: +44 (0) 2380 98703 9
info@industrial-needs.com
www.pce-instruments.com/english

Italy

PCE Italia s.r.l.
Via Pesciatina 878 / B-Interno 6
55010 LOC. GRAGNANO
CAPANNORI (LUCCA)
Italia
Telefono: +39 0583 975 114
Fax: +39 0583 974 824
info@pce-italia.it
www.pce-instruments.com/italiano

The Netherlands

PCE Brookhuis B.V.
Institutenweg 15
7521 PH Enschede
Nederland
Telefoon: +31 (0) 900 1200 003
Fax: +31 53 430 36 46
info@pcebenelux.nl
www.pce-instruments.com/dutch

Chile

PCE Instruments Chile S.A.
RUT: 76.154.057-2
Santos Dumont 738, local 4
Comuna de Recoleta, Santiago, Chile
Tel. : +56 2 24053238
Fax: +56 2 2873 3777
info@pce-instruments.cl
www.pce-instruments.com/chile

Hong Kong

PCE Instruments HK Ltd.
Unit J, 21/F., COS Centre
56 Tsun Yip Street
Kwun Tong
Kowloon, Hong Kong
Tel: +852-301-84912
jyi@pce-instruments.com
www.pce-instruments.cn

China

PCE (Beijing) Technology Limited
1519 Room, 4 Building
Men Tou Gou Xin Cheng,
Men Tou Gou District
102300 Beijing
China
Tel: +86 0755-32978297
lko@pce-instruments.cn
www.pce-instruments.cn

Turkey

PCE Teknik Cihazları Ltd.Şti.
Halkalı Merkez Mah.
Pehlivan Sok. No.6/C
34303 Küçükçekmece - İstanbul
Türkiye
Tel: 0212 471 11 47
Faks: 0212 705 53 93
info@pce-cihazlari.com.tr
www.pce-instruments.com/turkish