

# datacolor

## CHROMACAL™

Color Calibration Slide  
for Brightfield Microscopy

Welcome to Datacolor CHROMACAL™  
and the Color Calibration Slide for  
Brightfield Microscopy.

### Thank you for your purchase!

This slide has been exclusively  
designed for use with the CHROMACAL  
Color Calibration System for Optical  
Microscopy.

The CHROMACAL slide should be handled  
with care (see Care Instructions) and  
stored in the enclosed slide holder  
when not in use. Under normal storage  
conditions and use, the slide is

warranted for one (1) year. Use of the  
slide beyond one year from purchase  
is not recommended. Additional slides  
can be purchased separately  
(re-order #10-2010).

### Note:

- *Each calibration slide undergoes a quality assurance review. In some cases, minor imperfections may be visible on the color circles, but will not impair the calibration performance.*
- *Due to the micron size of the color circles, dust can interfere with your view. See Care Instructions to address.*
- *DO NOT apply immersion oil to the slide regardless of magnification. Use of immersion oil shall void the warranty.*

### Care Instructions:

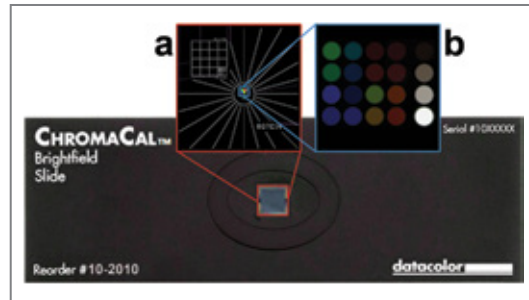
DO NOT rub the slide chip (i.e. center of the slide) and DO NOT apply any substance to clean. If dust appears on the chip, blow off with a microscope puffer or similar. Any cleaning beyond use of a puffer shall void the warranty.

Store slide in the enclosed slide holder when not in use.

### In the case:

- 1 precision color calibration slide
- 1 slide holder

Figure 1: Image of CHROMACAL color calibration slide



For instructions on using the CHROMACAL slide, refer to the instructions that accompany the CHROMACAL System, or view at [www.scientific.datacolor.com/support](http://www.scientific.datacolor.com/support).



## **Features of the CHROMACAL™ Color Calibration Slide for Brightfield Microscopy:**

Each CHROMACAL slide is uniquely identified with a 7-digit serial number in the upper right-hand corner of the slide. This identifier corresponds to a specific color measurement file associated with the proprietary CHROMACAL chip at the center of the slide. The measurement file contains information that is utilized by the CHROMACAL Color Calibration System when calibrating brightfield images.

Located on the proprietary CHROMACAL chip are the following:

- One larger color matrix consisting of 20 color circles in a 4 x 5 configuration (see [a] and [b] in Figure 1). This matrix is generally

intended for magnifications up to 40X.

- One smaller color matrix consisting of 20 color circles in a 4 x 5 configuration (located below the larger matrix in [a] in Figure 1; same matrix configuration as shown in [b] in Figure 1). This matrix is generally intended for magnifications above 40X up to 100X.
- Numerous location lines pointing to a circle surrounding both color matrices. These are meant to assist in locating the color matrices.
- In the upper left-hand corner of the chip (see [a] in Figure 1), there is a 4 x 4 micrometer grid consisting of 250um divisions. Within the lower right-hand division is a 10 x 10 sub-grid with 25um divisions. This

micrometer grid is unrelated to the color calibration system but is provided as an additional value-add.

## **Limited Warranty**

**What is covered:** *All parts defective in material or workmanship during normal usage.*

**For how long:** *One (1) year from date of purchase (unless your national laws require a longer warranty period in which case such longer period shall apply).\**

**What will we do:** *Repair or replace the CHROMACAL Brightfield Slide free of charge.*

**What does the warranty not cover:** *We will not pay service labor costs, shipping or transportation.\**

**Other conditions:** *This warranty only covers the original purchaser. This warranty does not cover defects or damage caused by mishandling or misuse.*

**We will not pay any kind of damages caused by a defective CHROMACAL slide, including consequential or incidental damages.** Our total liability is limited to the purchase price of a the CHROMACAL slide (not including taxes and shipping charges). Some jurisdictions do not allow the exclusion or limitation of incidental damages, so the above limitation may not apply to you.

**Implied warranties are limited to the duration of one (1) year from date of purchase.** Some states or

countries do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. For EU countries, EU or other regional law applies.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or from country to country.

*\*For countries of the EU, the warranty period is two (2) years, including labor costs, shipping and handling.*

[www.chromacal.com](http://www.chromacal.com)

(P/N 010-500011 Rev. B)