Smile Line
made in switzerland

OPTISHADE
STYLE ITALIANO

Digital shade matching:
the AI in the palm of your hand !

SCAN ME!

Only compatible with:
Made for iPod iPhone iPad

STYLE ITALIANO™ SHADE GUIDES

i create... we create

www.smileline.ch

OPTISHADE
STYLEITALIANO

For as long as anyone can remember, developers and passionate dental professionals hav ebeen trying to find alternatives to the use of commercial shade guides for shade taking. The best solution so far has been to create individualized samples and shade guides out of the actual materials used, either ceramic or composite. At this point however the shade matching is still analogue and needs to be backed up with a lot of experience for a reliable interpretation.

OPTISHADE ***STYLEITALIANO*** provides a new solution for shade matching that surpasses all the other digital colour measurement devices on the market with its accuracy and repeatability !

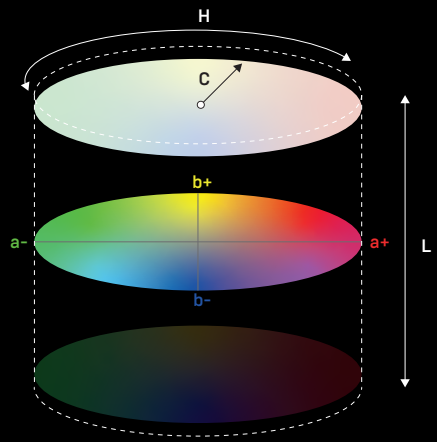
The measured shade is communicated in L*a*b* coordinates, universal values in the world of colorimetry, very intuitive and easily interpretable by the user.

These L*a*b* coordinates are either :

- used as a comparison with the commercial shade guides databases in the **OPTISHADE** ***STYLEITALIANO***.
- or exported to the Matisse software, which will calculate for you all the recipes and ceramic powders mixings necessary for the given case.

READING COLOR COORDINATES

The L*a*b* color space describes numerically all colors in three dimensions. L* is for brightness and a* and b* for the color components green-red and blue-yellow, respectively.



L* scale: Light vs. dark, 100 is white and 0 is black.

b* scale: Yellow vs. blue, where a positive number indicates yellow, and a negative number indicates blue.

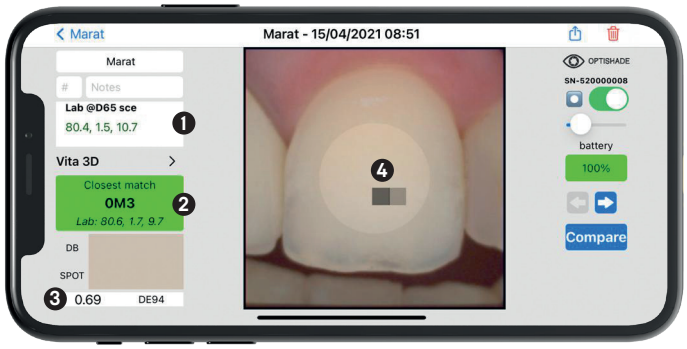
a* scale: Red vs. green, where a positive number indicates red, and a negative number indicates green.

L*a*b* values of the measured tooth ❶

L*a*b* values of the closest shade from a shade guide in the database ❷

Delta E - colour difference between the two values ❸

Shade reference area (the point can be moved by dragging it with the finger) ❹

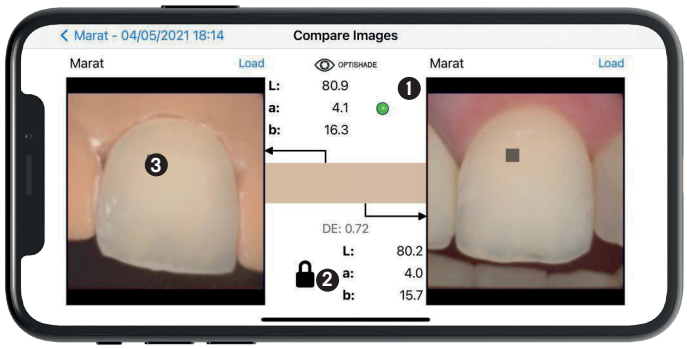


The information on the display of your phone is very clear and shows always the L*a*b* coordinates of the measured tooth in comparison with the values of the closest recognized shade guide in the database.

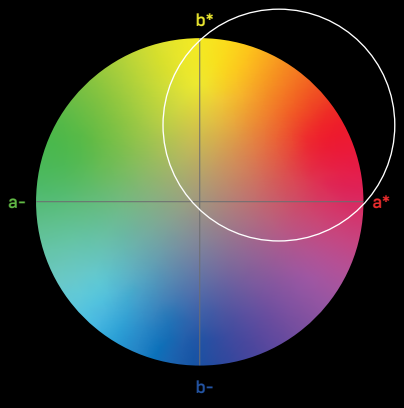
L*a*b* values of the crown ❶

L*a*b* values of the natural tooth ❷

Reference point of comparison ❸



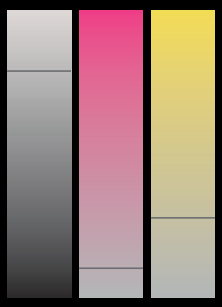
Compare function between the crown and the measurement of the natural tooth



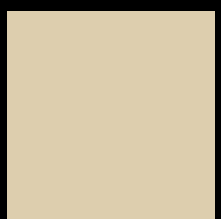
In the dental field, color coordinates are extremely easy to read, as we virtually only have to take care about brightness, red (a*) and yellow (b*). It is very uncommon to "visit" the negative numbers.

The L*a*b* scales rise above language barriers enabling anyone to easily communicate color independently of the device, and it provides the necessary information to calculate color differences.

OPTISHADE *STYLEITALIANO* communicates in Lab coordinates and LCH, making the communication very intuitive and precise.



L* 79 **a*** 8 **b*** 21



L* 79
a* 8
b* 21

Description	Nº Art.
OPTISHADE *STYLEITALIANO* Optishade full set	**70100-OS**
Capture guide cone (5pcs)	**70110-OS**
Calibration cap (5pcs)	**70120-OS**
Hardcase	**70130-OS**
OPTISHADE *STYLEITALIANO* – usb-c cable (for ipad pro)	**70140-OS**

Unit dimensions
length 51 mm
diameter 81,5 mm
weight 60g

Functions with iOS
iPhone, iPad and iPod Touch (not supplied)
Comes with the following two cables :
- Lightning
- USB

Only compatible

Made for iPod iPhone iPad

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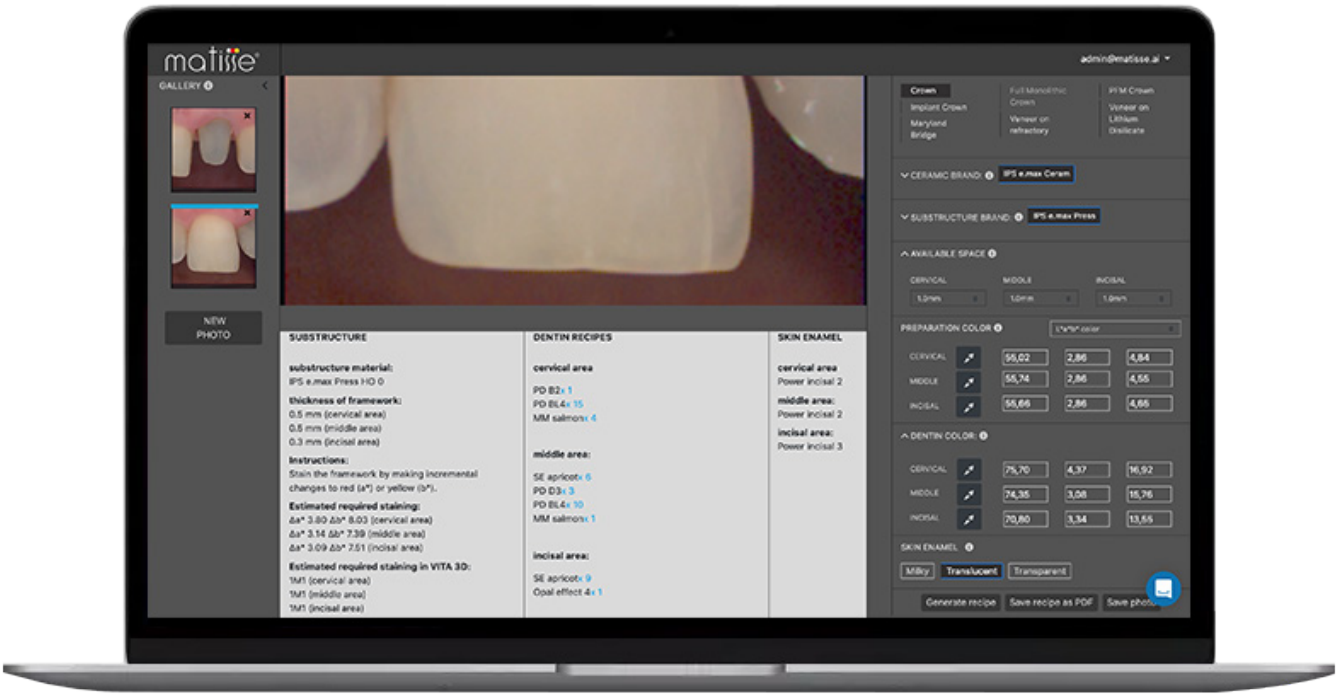
matisse®

Matisse is a software for ceramic mixing and layering, it is embedded with comprehensive data and artificial intelligence technology to simplify the process of dental shade matching. The software Mattisse that is compatible with **OPTISHADE** *STYLEITALIANO* provides complete solutions for teeth restoration: from shade taking and shade reading to generating recipes with the most commonly used ceramic brands. The recipes that Matisse provides consist only of pure ceramic powders to create restorations that mimic the histo-anatomy of the natural tooth by taking three important parameters into consideration:

- The color information of the preparation
- The color information of the target tooth
- The total amount of space available for the restoration



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