Benchtop colorimeter

CLM-196

User's benefits

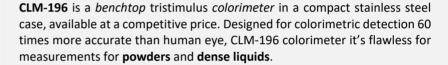
- Compact with stainless steel case for laboratory
- · Flawless for powders and dense liquids
- 60x more accurate than human eye
- Includes powerful application software

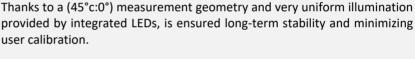
Applications

- Food
- Cosmetics
- Paints
- Chemicals
- Pharmaceuticals











Benchtop colorimeter is powered and interfaced by USB port to a PC or a laptop. The included application software is compatible with Microsoft Win-

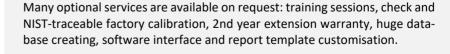
Performed the sample measurement, application software allows you to:

- Check: evaluate colour difference from a reference patch, to determine if the sample is within a user-defined acceptance limit;
- Classify: classify samples in a selected set colours, to group them in different classes with homogeneous colour;
- *Match*: find best match of the sample in a database colour to reproduce the measured colour.



Database colour is encoded in our software without requiring a physical sample libraries. The user can use standard colour sets, like RAL or PANTONE or create, modify and save customs colour set.

Results can be exported to .PDF and .XML format to further analysis.





Ordering information	Description	
CLM-106 P001A	Color moscurom	

dows operating system.

CLM-196.P001A	Color measurement system	
CLM-196.Gcup	Glass sample holder	1st included
CLM-196.Adpt	Custom adapter for calibration target	Optional

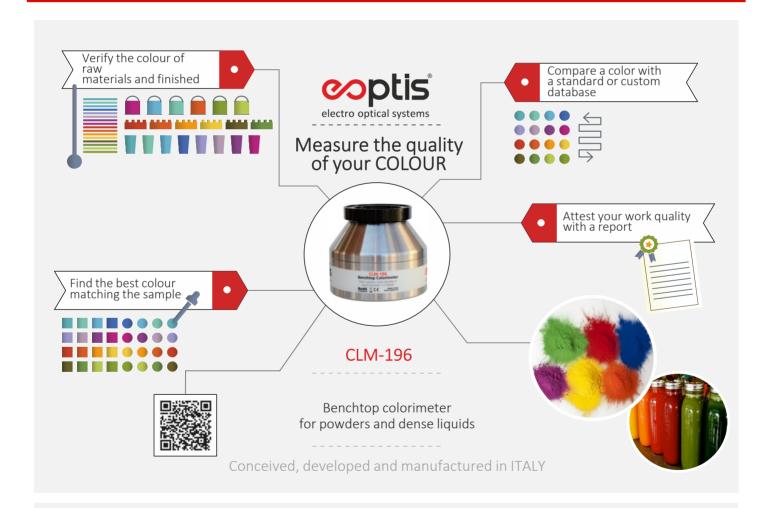






Color sensor	Based on the spectral value of the standard CIE 1931 color matching functions (DIN ISO 13655 and DIN 5033)
Illuminator	Integrated LEDs
Target type	Powders and dense liquids
Working distance	Contact
Measurement geometry	(45°c:0°) according to CIE15:2004, ASTM E1164
Repeatability	0.03 Δ E*ab typ (30 measurements at 5s on white reference)
Illuminant	D65, D55, D50, A, C, FL2, FL7, FL11
Observer	CIE1931-2° and CIE1964-10°
Measurement area	Ø 10mm
Color coordinates	CIE-XYZ, CIE-xyY, CIE-L*a*b*, CIE-L*u*v*, CIE-L*c*h*, sRGB
Acquisition mode	Software-triggered. Single or multiple readings.
Dimensions & Weight	74 x Ø 100mm - 925g
Power	USB self-powered
Accessories	Glass sample holder (First included)





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