

Reflectance spectrophotometer TRA 500 Lovibond

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Product Data

Combination of spectrophotometer TR 500 and portable docking station for precise and repeatable measurements of liquids, gels and powders. The precisely fitting docking station was specially developed for the TR 500 so that ambient lighting can not enter the sample. Different glass cells offer a wide range of applications. With their robust shape, the devices are ideal for use in every laboratory.

- CMOS sensor (256 picture elements, double array)
- Intuitive 3.5 inch TFT color LCD (capacitive), symbol-based
- External memory with 2000 standards and 20000 samples
- Free PC-based OnShade software which allows graphs and statistical process control
- Operation languages: English, French, German, Spanish, Portuguese, Chinese
- Measurements are easy-to-read through the angled viewing window
- Integrated cover prevents the effects of extraneous light

Scope of supply: Spectrophotometer TR 500, complete TR 500 accessories, sample cover, white background plate, 3 x optical glass cells (10, 20, 30 mm)

Specifications

- Optical geometry: di: 8°, de: 8°
- Specular component: SCI, SCE
- Colour space: CIE Lab, XYZ, Yxy, LCh, CIE LUV, Hunter Lab
- Colour difference formular: E*ab, E*uv, E*94, E*cmc (2:1), E*cmc (1:1), E*00v, E (Hunter)
- Other colorimetric index: WI (ASTM E313, CIE/ISO, AATCC, Hunter), YI (ASTM D1925, ASTM 313), TI (ASTM, E313, CIE/ISO), metamerism index (MI), staining fastness, colour fastness and strength, opacity
- Spectral range: 400 ... 700 nm
- Spectral interval: 10 nm
- Memory: 2000 standards, 20000 samples
- Interface: USB, Bluetooth® 4.0
- Light source: combined LED light
- Illuminant: D65, A, C, D50, D55, D75, F2, F7, F11
- Repeatability: MAV/SCI: E 0.05
- Inter instrument agreement: MAV/SCI: E 0.2
- Dimensions (W x D x H): 207 x 170 x 130 mm

Item No.	type no.	Price
6.7050.12	TRA 500	CHF 13'680.00

* The prices are non-binding and are to be understood as selling prices in Swiss francs without value added tax (VAT), as well as all other fees, charges and taxes. The prices displayed in the eShop may differ from the PDF file due to regular updates.

** Please note that when ordering chemicals and detergents, transport and packaging costs for hazardous goods as well as legally prescribed fees are charged. These will be shown in detail on the order confirmation, which you will receive in addition to the confirmation of receipt.

*** Further information such as technical information and safety data sheets can be found online in our eShop.

**** The PDF file was created on www.huberlab.ch on 21.04.2026 at 22:01 o'clock.

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