

Reflectometer RQflex



Fast control instrument for wines.

This apparatus is designed to quickly control different parameters of wines : malic acid, lactic acid, total sugar, pH, ascorbic acid...



Available parameters

Réf. 197500

Initial kits including 50 test strips and glassware to prepare the sample :

- Malic acid
- Lactic acid
- Total sugars
- Iron
- Ascorbic acid

50-test strips pack :

- Malic acid
- Lactic acid
- Total sugar
- Iron
- Ascorbic acid
- pH
- Glucosis

Specific features

- Dimensions
Length : 180 mm
Width : 80 mm
Height : 20 mm
- Weight : 275 g
- Liquid crystal display
- Temperature of use : from 5 to 40°C
- Moisture < 90%
- Memory : 5 analytical protocols, 50 tests per protocol
- Resolution : 0,1% of relative remission
- Power supply : 4 batteries LR03 (AAA) for about 1000 tests

Principle

According to the principle of reflectometry (remission photometry), it measures the quantity of light reflected by the selected strip.

All necessary information to run the instrument is communicated via the barcode strip, which contains information for wavelength correction and the specific calibration curve. It is possible to memorize 5 analytical methods.

The strip with the reagent is immersed in the prepared sample (after dilution, or reagent addition, etc.). Then the strip has to be inserted in the reading head. The result is displayed on the screen.

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