

COMPLEMENTS FOR THE OENOLOGICAL DISTILLER "DE-1626"

ALL BASIC WINE ANALYSIS WITH A SIMPLE MANUAL EQUIPMENT, COMPOSED OF: OENOLOGICAL ANALYSER PHOTOMETER "M-3000", MICRO-CENTRIFUGE "CENCOM-1" AND DRY-BLOCK THERMOSTAT "ENOBLOC".



Oenological analyser photometer "M-3000"

SMALL BENCHTOP ANALYSER.

FOR COLOR MEASUREMENT, FOLIN-CIOCALTEAU INDEX AND FOR ENZYMATIC ANALYSIS.

APPLICATIONS

With the oenological application photometer, the following determinations can be performed:

1. Wine colouring intensity (absorbances addition at: 420, 520 and 620 nm.)
2. Folin index (polyphenols).
3. Grapes phenolic colour and maturity by means of *Cromoenos*® method.
4. Enzymatic analysis for grape juice, grape juice-wine and wine. Acids: acetic, malic, gluconic and lactic, glucose, fructose and glycerine.

FEATURES

Wavelength range: from 340 to 750 nm, with interference filters with a 10 nm band pass.

Manual filter selection (12 positions filter disc).

Supplied with filters: 340, 420, 520, 620 and 750nm.

Other optional filters possible.

ABS, T% and concentration reading.

ABS reading range: from -0.3 to 3.5 OD.

T% reading range from 0 to 100%T.

Concentration range: from 0.001 to 9.999

Photometric accuracy: 1%.

Precision: $\pm 1\%$.

Photometric stability: better than 0.004 A/h.

Light source: halogen lamp 6V/12W.

Cell holder for 10 mm. path length cuvettes.

Internal calibration by software.

CONTROL PANEL

Filter change knob.

Numeric keypad and for functions.

Alphanumeric display with interactive messages.

RS-232 interface for connection to printer or computer.

MODEL

Part No.	Height / Width / Depth mm	Power W	Weight Kg
4120019	11 18 28	35	3



SPARE

Halogen lamp 6 V 12 W.

Part No. 4313040

Note: A visible ultraviolet range spectrophotometer UV-2005 is needed for a total polyphenols index determination (absorbance 280 nm) and the *Cromoenos*® method exact and accurate measurement.

Part no. 4120020. Page: 235

ACCESSORIES

Glass cuvettes 10 mm. path length. 2 units pack. Part No. 5100021

Glass cuvettes 1 mm. path length. 2 units pack. Part No. 4120034

Polystyrene cuvette, semi-micro, 10 mm. path length. 100 units box. Part No. 5100023

Cuvettes adapter of 1 mm. Part No. 4120033



Metallic thermostat dry block "Enobloc"

APPLICATIONS

To use the enzymatic reagents performing at full capacity, it is recommended to incorporate the thermostat dry-block incubator for tubes/cuvettes at a fixed temperature of 35 °C.

Part No. 7001570

Capacity: 15 cuvettes pathlength 10 mm, which can be macro or semi-micro of 1,5 ml..

MODEL

Part No.	Height / Width / Depth (exterior) cm	Stability °C	Power W	Weight Kg
7001570	11 18 28	$\pm 0,5$	10	2,4

