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.

RS232



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 posible.
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: ±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

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

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: 240

Microcentrifuge "Cencom III"

FOR MICROTUBES OF 2,2/1,5, 0,5 AND 0,2 ML.
DIGITAL ELECTRONIC CONTROL OF SPEED AND TIME. ADJUSTABLE SPEED UP TO 14500 r.p.m.

FEATURES

ABS external case.
Maintenance free induction drive motor.
Rubber suspended motor which reduces the vibrations.
High speed microcentrifuge that minimizes the samples over temperature.
Extremely quiet operation.
For 12 microtubes with identification code.
Polycarbonate upper lid.
Peephole on the lid to visualize the centrifuge inside.

CONTROL PANEL

Start switch.
Push button Start/Stop.
LCD display indicating time and speed.
Time selector push button.
Speed selector push button.
Push button ▲ increase different parameters.
Push button ▼ decrease different parameters.
Push button motor drive rotation for quick acceleration Short/Spin.
Push button open lid when cycle has ended.



MODEL

Part No.	Tubes capacity	Height/ Width/ Depth (exterior) cm			Max. speed r.p.m.	R.c.f.(xg)	Power W	Time selected	Weight Kg
5022010	12	15	21	25	14500	14000	105	till 99' 99"	4

Comes complete with 12 adapters of 0,5 and 0,2ml.

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 ºC.
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	±0,5	10	2,4



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