



ENOTECH



oenological division

Enotech

Automatic Analyzer

- Enothech is a random multiparametric automatic oenological analyzer for enzymatic and colorimetric chemical analysis suitable for controlling the vinification processes and the quality of the finished product
- Thanks to its compact structure and its reduced dimensions it can be integrated to any oenological laboratory
- The instrument is very easy to use and it has been optimized to reduce analysis costs and times to the minimum
- "Windows system" innovative software with LCD 6,4" color display; connectable to a PC
- Possibility of carrying out up to 120 analysis/hour

Enotech



Technical specifications:

- The instrument works in random mode and it can manage urgent samples at customers' discretion
- Continuous samples tray filling made possible
- Open system with 40 programmable methods
- Calculation systems: end point, kinetic, initial rate, bichromatic, differential, differential with sample blank
- Determination of dynamic reagent blank for instable reagents
- Integrated alphanumeric thermal printer
- SIP and DIP sampling system with automatic washing
- Possibility of automatic pre-dilution of the sample
- Automatic sample dilution
- Multipoint calibration (from 2 to 6 Calibrators)
- Automatic calibration from primary standard
- Removable basket for reagents
- Pre-aligned, long lasting halogen lamp
- Pass-band ± 2 nm (340)
- Measuring range 0 - 2.5 ABS
- Carry over $\leq 1\%$ (with 500 μ l reactive volume)
- New CPU with 128 Mb video card
- 70-positions sample-holding tray
- 20-positions reagent-holding tray
- 216 reaction cells
- Possibility of carrying out up to 120 analysis/hour
- Photometric detection optical system with 7 interferential filters: 340, 420, 492, 520, 535, 578, 620 nm
- Resolution: 0.0001 ABS
- Accuracy: better than 1%
- 50 μ l-flow cell equipped with Peltier-effect system for controlling the temperature at $37^\circ\text{C} \pm 0.1^\circ\text{C}$
- Floppy disk drive for data and methods storage
- Optional:
 - 15 - 20" external colour monitor
 - External printer
 - Integrated LCD colour display
 - Wash water level sensor
 - Windows system software environment
 - Dimensions 58W x 60D x 73H cm
 - Power supply: 115/230V AC 50/50Hz 350W
 - RS232C bidirectional serial output



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Analytic methods resident in memory:

- Acetic Acid
- Citric Acid
- D-Gluconic Acid
- D-Lactic Acid
- L-Lactic Acid
- L-Malic Acid
- Piruvic Acid
- Tartaric Acid
- Acetic Aldehyde
- Antocians
- Ammonia nitrogen
- Alfa-amino nitrogen
- Calcium
- Catechins
- Chlorides
- Iron
- Glycerine
- Glucose/Fructose
- Magnesium
- Total polyphenols
- Potassium
- Copper
- Colour test 420/520/620
- SO₂ Free
- SO₂ Total

Spare parts:

Reaction rack 100 pc	OBRP052756
Sample holder 1000 pc	OBRP052758
Cleaning solution 2 x 250ml	OBRP052760
Reagent container 40ml 50 pc	OBRP052757
Thermal paper 5 pc	OBRP052759
Extracleaning solution 2 x 250ml	SQRP053592
Ipocleaning solution 2 x 250ml	SQRP053593

Enotech automatic analyzer



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