



DIONYSOS System
150/240
Oenological analysis



DO YOU WANT TO MANAGE THE WINEMAKING PROCESS WITH JUST ONE FINGER?

With DIONYSOS system, you can.

The secrets of DIONYSOS to maximize productivity.

1 Don't let work accumulate

- 150/225 test/hour.
- Continuous sample loading.
- 40 positions for samples, controls and standards.



2 Keep a steady pace, without interruptions

- Washing station.
- Semi-permanent cuvettes.
- Advanced reagent management.



3 Preserve reagents in perfect condition

- Refrigerated sample/reagent disk.
- Expiration and consumption monitoring.
- Calibration alarms.



4 Use the most advanced technology

- High durability and robustness components.
- Integrated degasser.
- High precision automatic dilution of samples and standards.



5 Manage your systems easily

- TouchScreen compatible interface.
- Intuitive software.
- Reports of results by techniques, samples, sender... and others configurable by the user.



6 Anticipate the problems

- Visualize the reaction curve in real time.
- Integrated quality control: Graphics L-J, Youden (Twin-Plot), CUSUM, trends charts...
- Alarms of lamp failure, temperature monitor, containers, clot, substrate depletion, non-linearity...



The DIONYSOS system is a system that requires minimal intervention by the user to complete the work routine **without interruptions**.

7 Use SINATECH reagents

- Specifically designed and optimized for DIONYSOS.
- Maximum performance and reliability.
- Dedicated bottles.



Sinatech Reagent kits

CODE	PARAMETER	FORMAT	TESTS estimated
SD6001	ACÉTICO	2 x 30 + 1 x 15	225
SD6002	L-MÁLICO	2 x 32 + 1 x 16	250
SD6003	L-LÁCTICO	2 x 30 + 1 x 15	225
SD6004	GLU + FRU	2 x 30 + 1 x 15	225
SD6005	GLUCÓNICO	2 x 30 + 1 x 15	225
SD6006	CÍTRICO	2 x 20 + 1 x 5	100
SD6007	AMONIO	2 x 30 + 1 x 15	225
SD6008	PAN	2 x 30 + 1 x 15	280
SD6009	SO ₂ LIBRE	1 x 36 + 1 x 36	135
SD6010	SO ₂ TOTAL	2 x 30	280
SD6011	ACETALDEHÍDO	2 x 30 + 1 x 7	200
SD6012	TARTÁRICO	2 x 30 + 1 x 15	280
SD6014	ANTOCIANOS	2 x 30	280
SD6015	CALCIO - CPC	1 x 30 + 1 x 30	140
SD6016	CATEQUINAS	1 x 30 + 1 x 30	140
SD6018	COBRE	1 x 30 + 1 x 30	100
SD6019	COLOR	4 x 30	200 (x3)
SD6020	GLICEROL	2 x 30	180
SD6021	GLUCOSA	2 x 30 + 1 x 15	225
SD6022	HIERRO	2 x 30 + 1 x 15	280
SD6023	D-LÁCTICO	2 x 30 + 1 x 15	225
SD6024	POLIFENOLES	1 x 30 + 1 x 30	140
SD6025	POTASIO	1 x 30 + 1 x 30	135
SD6028	AZÚCAR TOTAL	2 x 31 + 1 x 15	240
SD6030	ACIDEZ TOTAL	2 x 30 + 1 x 15	280
SD6032	ASCÓRBICO	2 x 25 + 1 x 8	110

For more than 10 years, the commitment of **Sinatech** has always been to work hand in hand with the winemaker offering cutting-edge technology for fast, accurate and reliable results.

Sinatech: Teamwork

TECHNICAL SPECIFICATIONS



Instrument	Random, with discrete and emergency analysis option
Throughput	150 test/hour (mono) - 100 test/hour (bi) (DIONYSOS 150) 225 test/hour (mono) - 160 test/hour (bi) (DIONYSOS 240)
Analysis mode	Endpoint, differential, kinetics Mono and bi-reagent procedures
Calibration modes	Linear (one, two multi point), factor, non-linear (logit-log 4P, logit-log 5P, spline, exponential...)
Simultaneous analysis	Up to 40 assays mono-reagent or 20 assays bi-reagent
Maximum reaction time	15 minutes (mono) - 12 minutes (bi)
Sample disk	40 positions for samples, calibrators, controls
Sample volume	2 - 50 μ L
Reagent workload	40 positions (20 x 30 mL + 20 x 15 mL), all refrigerated
Reagent volume	R1: 150 - 450 μ L R2: 10 - 300 μ L
Mixer	Yes
Washing station	Yes
Reagent refrigeration	4 - 12 $^{\circ}$ C, independent power supply
Reaction disk	50 semi-permanent cuvettes (DIONYSOS 150) 81 semi-permanent cuvettes (DIONYSOS 240)
Wavelengths	340, 420, 450, 520, 546, 578, 620, 750 nm
Absorbance range	0 - 3.5 Abs
Dimensions / weight (width x depth x height)	720 x 450 x 550 mm - 60 Kg (DIONYSOS 150) 855 x 550 x 580 mm - 75 Kg (DIONYSOS 240)



Sinatech Analytical Systems sl

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