

ONE

scientific*gear

800-998-6429 / www.scientificgear.com

food & beverage analyzer



ONE analyzer has been designed for chemical, enzymatic and colorimetric analyses in the food and beverage field and is very useful to control the quality of every phase of production.

Steroglass has established itself in the Italian and worldwide markets, reaching the highest professional standards in production of analytical instrumentation. The new ONE is equipped with a wide range of preloaded applications for the food & beverage sectors providing a simple and intuitive interface through a graphic display that guides the user step-by-step during the analysis, as well as the ability to program new analytical methods.

METHODS IN MEMORY:

ACETALDEHYDE, ACETIC ACID, AMMONIACAL AND α -AMMINIC NITROGEN, ANTHOCYANS, CALCIUM, CATECHINS, CHLORIDES, CITRIC ACID, COLOUR, CUPPER, D-GLUCONIC ACID, L AND D LACTIC ACID, L AND D MALIC ACID, FREE & TOTAL SO₂, GLUCOSE-FRUCTOSE, GLYCEROL, IRON, L-ASCORBIC ACID, MAGNESIUM, POTASSIUM, PYRVIC ACID, SUCROSE, TARTARIC ACID, TOTAL POLYPHENOLS.



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MAIN FEATURES

- Languages: Italian and English
- More than 132 programmable methods
- 55 pre-loaded methods optimized with Steroglass enzymatic and colorimetric Kits.
- Easy Software with step-by-step procedures
- 9 positions thermal block for cuvette incubation (25-45°C)
- Data shown on display
- Integrated printe

ANALYTICAL TECHNIQUES:

- End point
- Kinetics
- Fixed time
- Algorithms: linear and polynomial
- Colour determination at 420+520+620 nm (for oenological application)

TECHNICAL SPECIFICATIONS

- Emission source: halogen lamp 12V, 20W long life
- Filter selection: automatic, N°8 interferential filters: 340-420-492-520-578-620-650-700nm
- Photometric range: 0 – 3.0 O.D.
- Reading time: programmable from 1 to 999 seconds
- Incubation time: programmable from 1 to 999 seconds
- Temperature control: 25 °C – 45 °C ($\pm 1^\circ\text{C}$)
- Display: 128 x 64 pixel
- Printer: integrated
- Dimensions: lxdxh 9x35x18cm
- Weight: ~ 5 Kg
- Power supply: 220 V - 50/60 Hz (120 V - 60 Hz available)



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