

MD250 MONOPARAMETER PHOTOMETER

MD250 allow the determination for one single analytical method, while the models MD250+ are programmed for multiple parameters. These instruments provide accurate and reproducible results very quickly. Other important advantages are easy operation, ergonomic design, compact size and secure safety work. The analyzes are performed using reagents in tablets dosed long timelife, even up to 5 or 10 years expiring for powder reagents or liquid reagents.

Sliding Memory (Scroll Memory SM)

To avoid unnecessary scrolling during the requested method, the instrument recall the last method used before switching off. Switching on the photometer comes back by itself along the last head list menu just running.

APPLICATIONS

Swimming pool

drinking waters

Waste waters

Process waters

Municipals and private building

Researching laboratories

Foods industries



DESCRIPTION

Calibration customizable

The instrument has a calibration factor to the standard internal related. Calibration by user entering into a "user calibration" menu.

Ready to use

Each photometer MD250 is supplied with a battery pack 9V, 3 vials with screw cap, 100 reagent (tablets or liquid or powder) according to the method requested, accessories, Italian or English instructios manual, warranty certificates and compliance.

TECHNICAL SPECIFICATIONS

Optics:	temperature compensated LED with photocell in sealed holder sample socket waterproof
Supply:	9Vdc battery. 40 hours time work
Auto power off:	Yes
Display:	backlight LCD (by key pressing)
Memory:	up to 16 measures session, hour and date added
Calibration:	by manufacturer or by user configuration, disablement for zero calibration possible
Enclosure:	ABS

Dimensions (W x D x H)	190 x 110 x 55 mm
Weight:	approx 0,4 kg (base unit)
Environmentale condition:	Temp.: 0...40 °C – Rel. Humidity : 30...90%
Conformity:	EE DIN EN 50081-1 VDE 0839 part 81-1: 1993-03 DIN EN 50082-2 VDE 0839 part 82-2: 1996-02



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TECHNICAL SPECIFICATIONS

Photometer MD250

Programmed for 1 single method of analysis

CODE	PARAMETER	RANGE (mg/l)
82064003	Aluminium	0.05-0.5Al
82065003	Ammonia	0.02-1.0N/ 0.2-10N
82066003	Bromo	0.1-13.5 Br2
82069003	Chlorine (DPD tablets dosed)	0.05-6 Cl2
82071003	Chlorine (KI)	5-200 Cl2
82092503	COD	0-150/0-1500/0-15000
82067003	Calcium Hardness	50-500 CaCO3
82080103	Total Hardness	50-500 CaCO3
82074003	Iron	0.02-1Fe2+/3+/0.2-10Fe2+/3+
82078003	Phosphate High Range	10-100 PO43-
82079003	Phosphate Low Range	0.05-4.0 PO43-
82093003	Fluoride	0.05-1.4F-
82073003	Hydrazine	0.05-0.5 N2H2
82086003	Hydrogen peroxide (oxygenated water)	0.03-3H2O2 / 0.3-30H2O2
82094003	Manganese	0.05-4Mn
82092103	Nitrate High Range	1.0-40 NO3
82076003	Nitrite	0.02-0.5 NO2
82077003	Ozone	0.02-0.5O3
82072003	Copper	0.05-5 Cu2+
82081003	Silica	0.05-4.0 SiO2+
82080003	Sulfates	5-200 SO42
82060203	TURBIDITY	0-2/ 2-20/ 20-200/ 200-2000FNU
82072103	Zinc / Copper	0.02-1.0Zn2+/Cu2+

Photometer MD250+

Programmed for different methods of analysis

CODE	PARAMETER	RANGE (mg/l)
82060103	3 in 1: Chlorine, pH, Cyanuric Acid (tablets dosed)	0.05-6.0 Cl2, 6.5-8.4pH, 2-160 CN-
82082003	3 in 1: Chlorine, pH, Cyanuric Acid (liquid reagent)	0.05-4.0 Cl2, 6.5-8.4pH, 2-160 CN-
82088003	3 in 1: Chlorine dioxide, Chlorine Low Range High Range Chlorine	0.1-11 ClO2/0.05-6 Cl2 LR/5-200 Cl2 HR
82060503	4 in 1: Chlorine, pH, Cyanuric Acid, Total Alkalinity	0.05-6.0 Cl2, 6.5-8.4pH, 2-160 CN-5-200 CaCO3
82061203	5 in 1: Chlorine, pH, Cyanuric Acid, Total Alkalinity, Hardness (Calcium)	0.05-6.0 Cl2, 6.5-8.4pH, 2-160 CN-5-200 CaCO3, 50-500 Hardness Calcium

SPARE PARTS

	Codes
Set of 12 cuvettes (48 mm. Diameter 24 mm) with screw cap	81976203
Set of 3 cuvettes (48 mm. Diameter 24 mm) with screw cap	81976213
Set 5 cuvettes (height 90 mm. Diameter 16 mm) with screw cap	81976603
Adapter for cuvettes diameter 16 mm	81980103

Standard reference

To check the accuracy and reliability of the results. The duration of the standard is 2 years from date of production, taking care to keep them and use them according to the instructions provided.

kit standard	reference standard contents	
pH	7.45 pH	82056103
Chlorine	0 Cl2, 0.2 mg/l Cl2 and 1 mg/l Cl2	82056003
Chlorine	0 Cl2, 0.5 mg/l Cl2 and 2 mg/l Cl2	82056053
Vario* Chlorine	0 Cl2, 0.2 mg/l Cl2 and 1 mg/l Cl2	82056403



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