

Protein-nitrogen Distiller "DNP-2000-MP"



"DNP-2000-MP"



Control
panel

Advantages

- Optional kit for automatic titration. See accessories
- Boric acid pump
- 20 user programs
- Pumps calibration by end-user
- Electric steam generator with control level of water.
- Sample suction
- Open door detection

Features

- Control of the system by microprocessor with LCD screen
- Additionally, the system has three fixed programs:
 - Ammonium sulphate test / Preheating of the system / Washing
- 9 preset programs to:
 - Alcohols, cereals, lactics, meats, fish, sewage waters, fertilizers, Nuts, animal feed
- Furniture in stainless steel epoxy painted

Protein-nitrogen Distiller "DNP-2000-MP"

Safety

- Closed door detection.
- Digestion tube detection.
- Over-temperature thermostat.

Performance

Measurement range: de 0,1 a 200 mg de N

Nitrogen recovery: 99,5 %

Reproducibility: ± 1 %

Distillation time: 4 minutes for 100 mL

Cooling water consume: 1,2 L/min.

Electric power: 2000 W (100%)

Number of Programs: 20 user programs

Programmable parameters and values

Water for dilution: 0-200 mL

NaOH solution: 0-200 mL

H₃BO₃ solution: 0-200 mL

Reaction time (delay): 0-30 minutes

Distillation time: 0-30 minutes or indefinite

Steam power regulation: 30-100%

Supplied with the following accessories:

1 tube series macro Ø 42x300 mm

2 containers of 10 litres for H₂O, NaOH and 1 container of 5 litres for H₃BO₃.

Several connection tubes.

Reference	H ₂ O Container	NaOH Container	H ₃ BO ₃ Container	Titration I	H x W x D mm	Power W	Weight kg
DNP-2000 MP	10 L	10 L	5 L	Optional	800x450x 380 mm	2000	30 kg

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Accessories

Kit for automatic titration

It includes: magnetic stirrer, reaction vessel and complete titrator with the necessary accessories

Titration features:

- Multiple titration programs.
- pH calibration.
- Burette auto calibration
- Results in N or total protein
- Additional applications.

Titration specifications:

- Resolution: 0,001 pH, 0,1 mV, $\pm 0,3^{\circ}\text{C}$.
- Reproducibility: $\pm 0,001$ pH.
- Temperature compensation with probe CAT Pt100.



Reference	Titration	Stirrer	Vessel and connections	H x W x D mm	Weight kg.
KIT-TITRA-RAY	Incl.	Incl.	Incl.	220 x 400 x 360	4

Distillation tubes

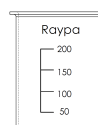
Reference	Description	Volume ml	Dimensions
TB-42300	Digestion tube	250	42 (Ø) x 300 mm
TB-26300	Digestion tube	100	26 (Ø) x 300 mm
75300	Reaction vessel	200	80 (Ø) x 95 mm



TB-42300



TB-26300



75300