

VAPODEST 10

BASIC UNIT FOR KJELDAHL ANALYSIS



Vapodest 10 is the new basic model for the automatic rapid distillation, especially for Kjeldahl digestion solutions in Kjeldahl flasks or Kjeldatherm digestions glasses.

Vapodest 10 is the ideal instrument for laboratories with a low sample throughput but a high demand for reliability, user-friendliness and safety.

Vapodest 10 is a automatic distillation unit and the basic model of the well proved and tested Vapodest range, which now comprises 7 models.

VAPODEST 10

Automatic water steam distillation unit for the rapid distillation of Kjeldahl digestion solutions from Kjeldahl glasses 250, 400, or 800 ml as well as Kjeldahl flasks 250, 500, and 750ml with wide neck opening. The steam generator works fully automatically and on gradual increase, is virtually service-free, with monitoring of the over temperature as well as a time controlled pump for the automatic addition of caustic soda into the sample glass. The duration of the distillation is controlled by a timer.

CONVINCING ARGUMENTS

- ▶ NaOH-addition using time controlled pump and/or using a push button
- ▶ Distillation time can be pre-selected using a timer
- ▶ Steam output can be set from 10 to 100 %
- ▶ Simple and manual change of sample tubes
- ▶ Lucent protective door with safety switch
- ▶ **Vapodest 10** offers you the best price – performance relation!

VAPODEST 10

TECHNICAL SPECIFICATIONS

Order No.	7610
Model	VAP 10
Nominal Voltage	230 V AC, 50 Hz or 115 V AC, 60 Hz
Nominal wattage	1550 W
Weight	about 20 kg
Dimensions (W x D x H)	about 440 x 340 x 690 mm
Water consumption	about 3 l/min
Distillation time	about 3 min 30 s (Kjeldahl-Standard)
Recovery rate	> 99,5 %
Reproducibility	+/- 1 %
Detection limit	0,1 mg/N
Automatic addition NaOH	Yes
Distillation time can be set	Yes
Automatic steam generator	Yes
Steam power can be set	Yes - variable
Stand-by-function	Yes - cooling water
Optical and acoustical error messages	Yes
Use of different flasks	Digestion tubes type KTG 250 ml, 400 ml and 800 ml Kjeldahl flasks type KD 250 ml, 500 ml and 750 ml
Safety / Error check	Cooling water on Digestion tube in place Protection door closed
Accessories	Storage tank KAN 20 (2 x 20 litres for NaOH and water)
Special models on request	Distribution head made of PP