

## VACUSOG

# SCRUBBER UNIT FOR INORGANIC DIGESTION FUMES



Powerful fume suction washer for the separation and neutralization of inorganic acid fumes created during Kjeldahl digestion.

Order no. 12-0779 VACUSOG

### ESPECIALLY EFFECTIVE

- + 4-step separation system:
  - Neutralization of digestion fume
  - Gas washing
  - Separation of the condensate by condensate traps
  - Absorption of the residual gas by activated carbon plus an additional condensate bottle for digestion of samples with high water content provide safe handling of digestion fumes.
- + Powerful suction

### FLEXIBLE

- + Can be used for all established Kjeldahl digestions.
- + Continuously variable suction power allows a smooth adaption to the number of digestion samples in the unit and to the requirements of the specific digestion process.
- + Can be combined with C. Gerhardt digestion units KJELDATHERM® and TURBOTHERM and with classic digestion apparatus equipped with exhaust manifold. To be connected to the junction of the manifold.

### ECONOMICAL

- + No water supply needed
- + Low electricity consumption

### COMFORTABLE AND EASY SERVICING

- + Very low operation noise
- + All parts are easily accessible by just raising the hood. Washing and neutralization bottles, tubes and filters can be easily removed and cleaned.
- + Can be controlled / programmed via automatic digestion units KJELDATHERM® KT or directly at the VACUSOG by switching on/off or adjusting the suction power

### TECHNICAL DATA

Dimensions W x D x H	342 x 463 x 490 mm - hood closed
	342 x 463 x 720 mm - hood open
Weight	approx. 22 kg
Nominal consumption	0,4 - 1 A, 100 W
Nominal voltage	100 - 240 V, 50 / 60 Hz

### OPERATING MATERIAL

Water	1.2 l for the washing bottle
NaOH 15 %	1.2 l for the neutralization bottle
Activated carbon	approx. 100 g for 400 to 600 samples