

# COMFORTABLE STEAM DISTILLATION

MODEL WITH EXTENDED FUNCTIONS DESIGNED FOR KJELDAHL ANALYSIS



C. Gerhardt proudly presents the brand new development of the successful VAPODEST line.

Additional functions increase the range of applications.

VAPODEST 400 comes micro processor controlled and equipped with embedded PC and 7 inch TFT touch display.

VAPODEST 400 complies with the data management requirements of certified or accredited laboratories (ISO 9001, ISO 17025, GLP).

## UNRIVALED EASE OF USE

- + Quick start concept
- + Favourite method menu
- + Easy menu navigation
- + 7 inch TFT fully coloured display
- + Easy-clean surfaces
- + Back lit glass components

## SAFETY

- + Intelligent supervision of all vital functions
- + Components meet highest safety standards
- + Comprehensive built-in safety systems for operator protection

## EFFICIENCY

- + Energy-saving mode
- + Long-life, robust housing
- + Huge range of glassware options
- + High-quality, reliable components

## FUNCTIONS

- + Programmable, automatic addition of NaOH, H<sub>2</sub>O and H<sub>3</sub>BO<sub>3</sub>
- + Programmable distillation time
- + Programmable reaction time
- + Programmable steam power, 10 - 100 %
- + Programmable suction of sample residue
- + Steam soft start
- + User accounts with different levels
- + Comprehensive documentation and log function
- + Designed for results to fully conform (e.g. DIN EN ISO, AOAC, EPA, ASTM, EC regulation, APHA, Ph.Eur. 2.5.33 method 7, procedure A)
- + Data export e.g. to LIMS
- + Language selection
- + Tamper-free documentation
- + The optional Software ISOdoc-CREATOR creates ISO 17025-compliant documentation





*„Menu navigation  
as easy as using  
a Smartphone!“*



## ACCESSORIES

Tanks, level sensors for tanks, catalyst tablets, different sizes of glassware and many more accessories are available on request.



## APPLICATIONS

Benefit from our analytical know how and our comprehensive C. Gerhardt Application Data Base.

## SERVICE

Our authorized, well-trained, C. Gerhardt partners offer service and maintenance for your Gerhardt systems according to our guidelines.

## TECHNICAL INFORMATION

| Technical Specifications                       | VAP 400                            |
|------------------------------------------------|------------------------------------|
| Variable steam power                           | 10 - 100 %                         |
| Size of Display                                | 7 inch, 480x800 pixel, touchscreen |
| Stand-By-Mode                                  | Yes                                |
| Distillation time / sample                     | approx. 3.5 min                    |
| Recovery                                       | > 99.5 %                           |
| Reproducibility                                | ± 1 %                              |
| Detection limit                                | 0.1 mg N absolut                   |
| Safety door                                    | Yes                                |
| KJELDATHERM-tube KTG 250/300 ml volume         | Standard configuration             |
| Different sizes of digestion tubes can be used | Yes                                |
| Different sizes of Kjeldahl-flasks can be used | Yes                                |
| Connection to level control                    | Yes                                |
| Level sensors for tanks                        | Optional                           |
| Cooling water pressure                         | 1 - 6 bar                          |
| Nominal voltage*                               | 230 V, 50 Hz                       |
| Nominal wattage                                | 2200 W                             |
| Weight                                         | approx. 34 kg                      |
| Dimensions (W x D x H)                         | 527 x 390 x 697 mm                 |
| Pre-defined methods                            | Yes                                |
| Customer defined methods                       | Yes                                |
| Pump calibration                               | Yes                                |
| Order-no.                                      | 12-0540                            |

\* Other voltages on request

Since 1846  
C. Gerhardt



EN ISO  
9001:2008

Your Dealer:



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Technical details correct as from 10/2020  
Later modifications possible



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