

NEW

VAPODEST 200

SMART STEAM DISTILLATION

VOLATILES | SO₂ | ALCOHOL | PHENOLS | KJELDAHL-N



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

Additional functions increase the range of applications.

VAPODEST 200 comes micro processor controlled and equipped with embedded PC and 7 inch TFT touch display.

VAPODEST 200 complies with the data management requirements of accredited laboratories (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

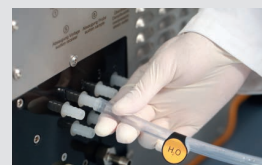
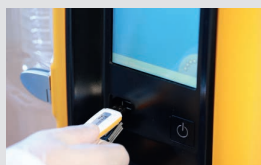
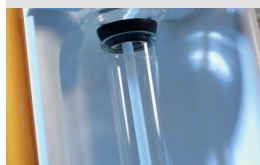
- + Intelligent supervision of all vital functions
- + Components meet highest safety standards
- + User accounts with different levels

EFFICIENCY

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

FUNCTIONS

- + Programmable, automatic addition of NaOH
- + Programmable distillation time
- + Programmable reaction time
- + Programmable steam power, 10 - 100 %





*„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 200 |
|--|------------------------------------|
| Variable steam power | 10 - 100 % |
| Size of Display | 7 inch, 480x800 pixel, touchscreen |
| Stand-By-Mode | Yes |
| Distillation time / sample | ca. 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 | 0,5 - 6 bar |
| Nominal voltage* | 230 V, 50 Hz |
| Nominal wattage | 2200 W |
| Weight | ca. 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 |

* Other voltages on request

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NEW

VAPODEST 300

ADVANCED STEAM DISTILLATION

KJELDAHL BASIC MODEL | VOLATILES



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

Additional functions increase the range of applications.

VAPODEST 300 comes micro processor controlled and equipped with embedded PC and 7 inch TFT touch display.

VAPODEST 300 complies with the data management requirements of accredited laboratories (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

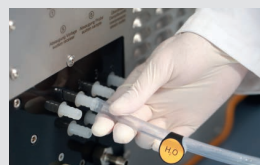
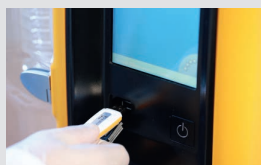
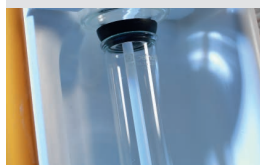
- + Intelligent supervision of all vital functions
- + Components meet highest safety standards
- + User accounts with different levels

EFFICIENCY

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

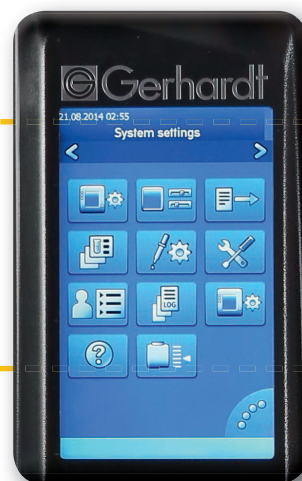
FUNCTIONS

- + Programmable, automatic addition of NaOH and H₂O
- + Programmable distillation time
- + Programmable reaction time
- + Programmable steam power, 10 - 100 %
- + Programmable suction of sample residue
- + Steam soft start





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ACCESSORIES

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APPLICATIONS

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SERVICE

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TECHNICAL INFORMATION

| Technical Specifications | VAP 300 |
|--|------------------------------------|
| Variable steam power | 10 - 100 % |
| Size of Display | 7 inch, 480x800 pixel, touchscreen |
| Stand-By-Mode | Yes |
| Distillation time / sample | ca. 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 | 0,5 - 6 bar |
| Nominal voltage* | 230 V, 50 Hz |
| Nominal wattage | 2200 W |
| Weight | ca. 34 kg |
| Dimensions (W x D x H) | 527 x 390 x 697 mm |
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NEW

VAPODEST 400

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 accredited laboratories (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

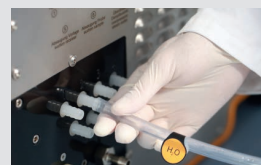
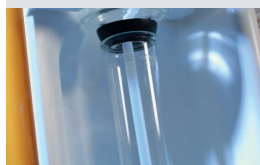
- + Intelligent supervision of all vital functions
- + Components meet highest safety standards
- + User accounts with different levels

EFFICIENCY

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

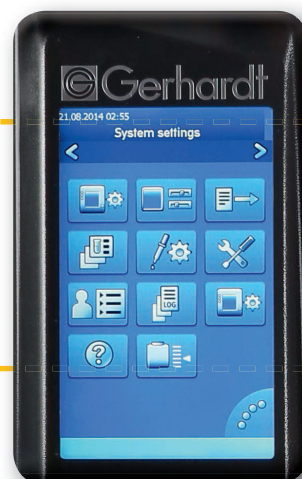
FUNCTIONS

- + Programmable, automatic addition of NaOH, H₂O and H₃BO₃
- + Programmable distillation time
- + Programmable reaction time
- + Programmable steam power, 10 - 100 %
- + Programmable suction of sample residue
- + Steam soft start





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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 | ca. 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 | 0,5 - 6 bar |
| Nominal voltage* | 230 V, 50 Hz |
| Nominal wattage | 2200 W |
| Weight | ca. 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 |

* Other voltages on request

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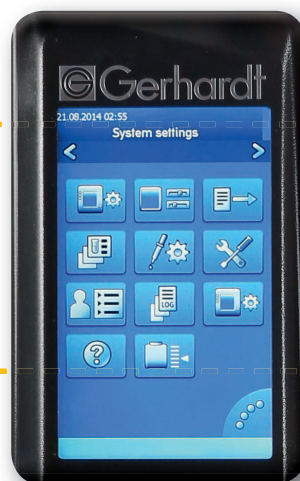
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ACCESSORIES

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



APPLICATIONS

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SERVICE

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

MODELS

- + Distillation system with titrator
- + Distillation system without titrator, prepared for connection to a C. Gerhardt titrator

TECHNICAL INFORMATION

| Technical Specifications | VAP 450 |
|--|------------------------------------|
| Variable steam power | 10 - 100 % |
| Size of Display | 7 inch, 480x800 pixel, touchscreen |
| Stand-By-Mode | Yes |
| Distillation time / sample | ca. 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 | 0,5 - 6 bar |
| Nominal voltage* | 230 V, 50 Hz |
| Nominal wattage | 2200 W |
| Weight | ca. 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 |
| Model with external titrator | Yes |
| Model prepared for connection to external titrator | Yes |

* Other voltages on request

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NEW

VAPODEST 450

STEAM DISTILLATION WITH RESULTS

KJELDAHL ANALYSIS SYSTEM WITH EXTERNAL TITRATOR



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

Additional functions increase the range of applications.

VAPODEST 450 comes micro processor controlled and equipped with embedded PC and 7 inch TFT touch display.

When connected to a C. Gerhardt titrator, titration is performed automatically after distillation.

VAPODEST 450 complies with the data management requirements of accredited laboratories (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
- + User accounts with different levels

EFFICIENCY

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

FUNCTIONS

- + Programmable, automatic addition of NaOH, H₂O and H₃BO₃
- + Programmable distillation time
- + Programmable reaction time
- + Programmable steam power, 10 - 100 %
- + Programmable suction of sample residue
- + Steam soft start

ADDITIONAL FUNCTIONS WITH A C. GERHARDT TITRATOR

- + Automatic endpoint titration
- + Display of consumed titration solution
- + Display of pH-value
- + Data export

