



# KjelMaster K-375

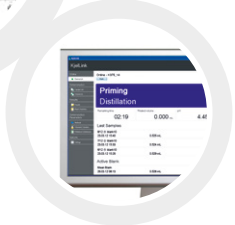
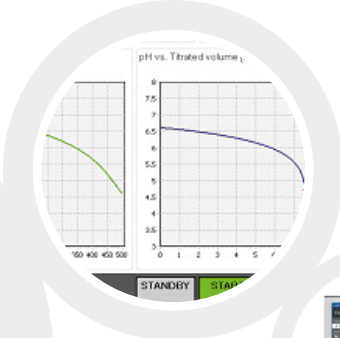
## Free choice of methods at perfect usability

We provide solutions for both potentiometric and colorimetric titrations. The KjelMaster K-375 meets the highest demands in usability, automation, user administration and sophisticated data management.



### Comprehensively safe

Comply with any official method, data management and ensure safety



### Easy to use

Simplify routine operations and thorough data exchange



### Maximized productivity

Highest sample throughput by using automation and streamline procedures



## KjelMaster K-375

Key features and advantages



KjelMaster K-375  
with glass splash protector  
and colorimetric sensor



KjelSampler K-376  
24 sample positions in one rack tray  
and four express positions



KjelSampler K-377  
48 sample positions in two rack trays  
and eight express positions

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*"The highlight of BUCHI's automated Kjeldahl system is the 48 position autosampler that allows us to work in a continuous way and thus, frees up a lot of time."*

Mr. Guillaume Piedor, Manager of Laboratory CAE Grand Ouest, France

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### Compliant without exception

The KjellMaster allows both potentiometric and colorimetric titration.



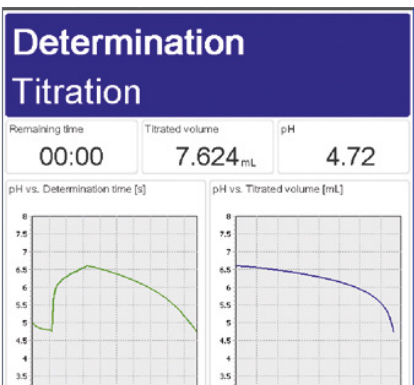
### Data security

The KjellLink PC software is a useful supplement for advanced programming and bidirectional data exchange.



### Flexible

Apply different sample tubes without modifications on the instrument (100 mL, 300 mL, 500 mL).



### Reproducible distillation

Smart distillation mode "IntelliDist" allows for reproducible results and saves time.

- Automatic detection of the operating temperature
- Shorter time-to-result thanks to less preparatory steps (e.g. no preheating)



### Complementary peripherals

Synchronized process from sample preparation to titration. With

- balances, bar code reader
- printer or network printer
- KjellLink, LIMS
- KjellSampler K-376 or K-377
- Recirculating Chiller F-314

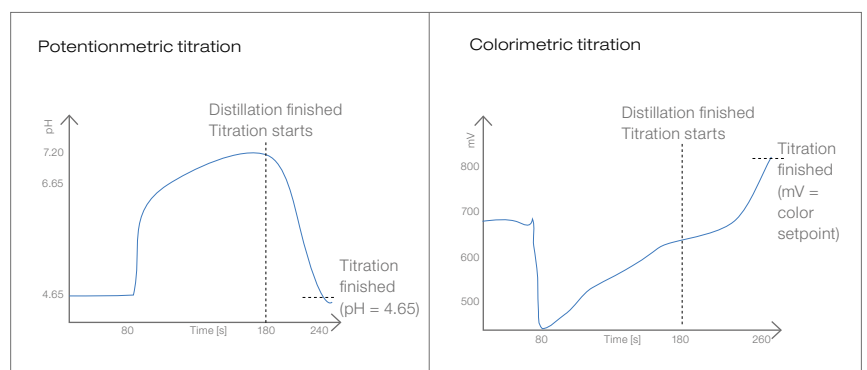


### Intuitive and easy to use

Large color touch screen

## Two titration techniques in one instrument

For the detection of the pH two different techniques can be applied: potentiometric and colorimetric titration. Potentiometric titration is based on the measurement of the electrical voltage. For the colorimetric titration an indicator is used to measure the pH-dependent color setpoint. Changing between the two techniques is easily achieved by "plug-and-measure" with no additional modifications on the KjellMaster and its integrated titrator.



## K-375: Your most important benefits



### Comprehensively safe

- Compliant and flexible “plug-and-measure” titration concept (colorimetric/potentiometric)
- Safe operation, user protection and guided routine operation
- Different access levels of authorization according to GLP requirements
- Reproducible results with the smart distillation mode “IntelliDist”
- Data security supported by intelligent software



### Easy to use

- Intuitive operation via the large graphical color touch screen (8.4")
- Simple LIMS integration and traceable data recording
- No errors in routine operations by the sophisticated Kjellink PC software
- Optimal and stable working conditions by self-adjusting cooling water control



### Maximized productivity

- Shortest time-to-result due to well synchronized process steps
- Upgrade onsite for highest sample loads by connecting the KjelSampler
- Fully automated workflow for high sample loads
- Automatic data exchange with complementary peripherals

## Complete your portfolio



KjelSampler  
K-376 / K-377  
Auto sampling 24 / 48  
positions



KjelDigester  
K-446 / K-449  
Block digestion



Kjellink  
PC software  
Data management



Recirculating Chiller  
F-305 / F-308 / F-314  
The efficient and water  
saving way of cooling

