



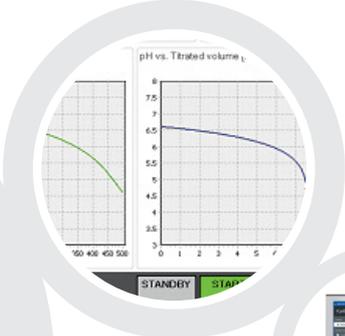
KjelMaster K-375

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 of 20
and four express positions



KjelSampler K-377
48 sample positions in two rack 20
and eight express positions

"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



Compliant without exception

The KjellMaster allows both potentiometric and colorimetric titration.



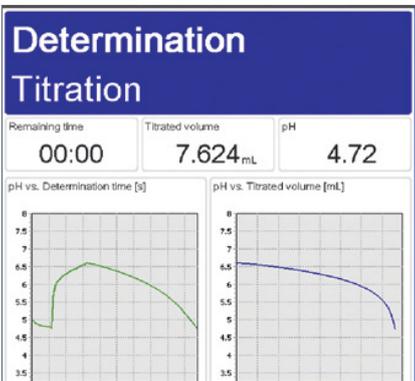
Data security

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

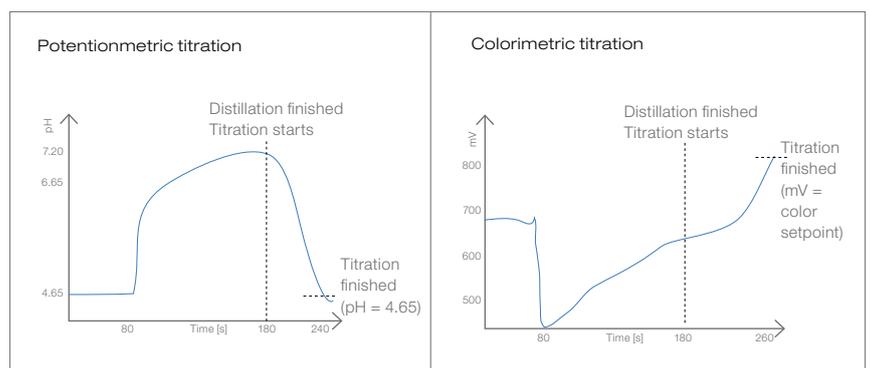


Intuitive and easy to use

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

