



Kjelflex K-360

Broad application flexibility

Perform Kjeldahl nitrogen or protein determination and additional steam distillation in the most flexible way. The modular setup allows to adapt the Kjelflex K-360 at any time including a wide selection of titrators to guarantee smooth and easy operation.

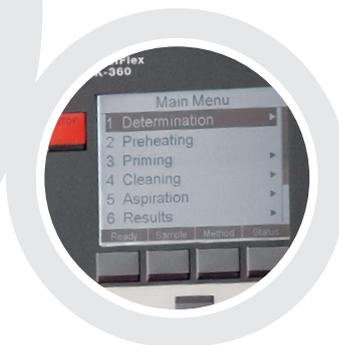
Convenient

Automate your analysis in the most supportive way



Data security

Improve documentation and data security with multi-level authorization



Flexible

Cope with the broadest range of applications for steam distillation



KjelFlex K-360

Key features and advantages



KjelFlex K-360

Basic configuration with glass splash protector

KjelFlex K-360

Semi-automated configuration with titration vessel



«The solution for Kjeldahl as well as sulphur dioxide determination on one single instrument is excellent. Moreover the support for application development is very much appreciated.»

Dr. S.S. Marwaha, Chief Executive Officer, Punjab Biotechnology Incubator, India.

Characteristics:



Splash protector

Choose between the long-life plastic splash protector or the glass splash protector for visual control of the chemical reaction.



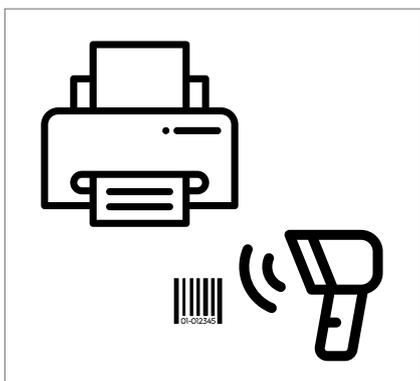
Acid resistant pump

Extend your range of applications by programmable dosing of strong acids to the sample tube.



External titrator

Connect the KjellFlex K-360 to titrators from different suppliers for a semi-automated distillation and titration process.



Expansive peripherals

Depending on your needs, connection of an external titrator and level sensors, dosing unit for back titration, bar code reader and printer are possible.



User safety

No contact with hazardous chemicals due to automatic aspiration of sample tube and/or receiving vessel.



Scientific mobile apps

Manage your data with ease for a more efficient daily routine.

- Kjeldahl Optimizer
- Kjeldahl Reports

From basic to semi-automated configuration

Decide whether you want to start with the basic or the semi-automated configuration of KjellFlex K-360.

An upgrade of the titration set for automating distillation and titration is always possible.

Characteristics	Basic K-360	Semi-automated K-360
Titration communication		●
Titration vessel, stirrer		●
Titration upgrade	●	

Ask your BUCHI partner, which titrator model from Metrohm, Mettler Toledo, SI-Analytics or Radiometer can be connected to the KjellFlex K-360. An additional acid resistant pump allows for determining parameters like sulphur dioxide, phenol or formaldehyde.

Analyte	No acid resistant pump required	Acid resistant pump required
Ammonia, ammonium, nitrogen, TKN, TVB-N	●	
Devarda	●	
Sulphur dioxide		●
Phenol		●
Formaldehyde		●

K-360: Your most important benefits



Convenient

- Customizable analysis methods for multi-purpose use
- Modular concept to adapt to changing needs
- Modern instrument software enabling convenient routine use
- Connection to various external titrators for semi-automated processing



Data security

- Storage of results on the instrument (titrant consumption)
- Data export on USB printer for documentation purposes
- No unauthorized use due to password protection



Flexible

- Acid resistant pump for additional steam distillation applications
- Wide selection of titrators for colorimetric or potentiometric procedures
- Reduction of steam power for gentle distillation
- Choice of glass or plastic splash protector

Complete your portfolio



SpeedDigester
K-439 / K-425 / K-436
IR digestion



Extraction Unit
E-816 SOX & HE
Dedicated fat extraction



NIRMaster™
IP54 / Pro IP65
FT-NIR spectroscopy



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

