



KjelDigester K-446 / K-449

More samples per day

The KjelDigester reduces the block digestion process by up to two hours and meets the highest safety requirements. The high degree of automation is the perfect match to the KjelMaster System allowing for unprecedented sample throughput.

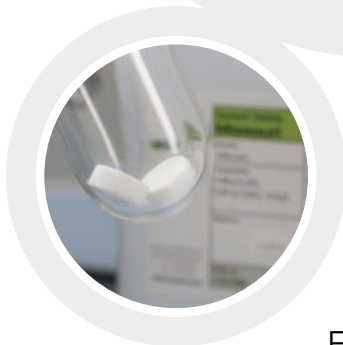
Highly efficient

Reduce the process time
by up to two hours



Safe and convenient

Effective fume transfer by
innovative sealing system



Proven

Established in many
official regulations



KjelDigester K-446 / K-449

Key features and advantages



KjelDigester K-446
for manual sample handling and
manual temperature setting.

KjelDigester K-449
programmable with automatic
sample lift.



Scrubber K-415
Neutralization

«The KjelDigester helps us to get results faster and it is the ideal companion to our automated Kjeldahl system. The reliability of these instruments is essential for our service laboratory; thus, we really appreciate the great support from the BUCHI service team.»

Mrs. Barbara Vogel, Head of Laboratory Nutrient Analysis, UFAG Laboratorien, Switzerland



Highest sample throughput

Unprecedented sample throughput of up to 120 samples per working day thanks to the fast heating and accelerated digestion.



Convenient and safe workflow

Directly transfer the complete rack containing all sample tubes to the KjelSampler K-376 or K-377.



Tight sealing system

Individual sealing of each sample tube allows effective transfer of acid fumes to the Scrubber K-415 and gives maximum protection to the operator and the environment.



Less operator intervention

Safe and convenient operation with the automatic sample lift. Fully unattended digestion process through the programming of methods.



Perfect fit and better results

Reach even the lowest nitrogen levels with genuine BUCHI Sample Tubes. They have a wide diameter, constricted condensation zone, thick glass walls and can contain bigger volumes.

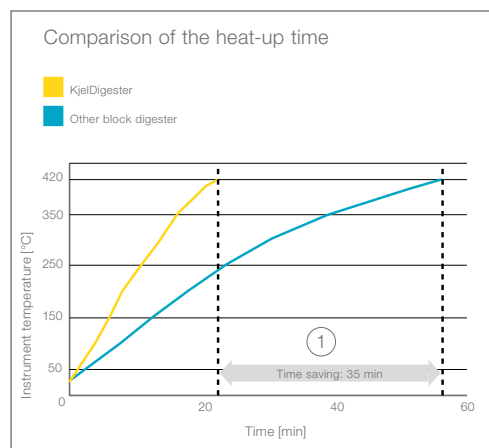
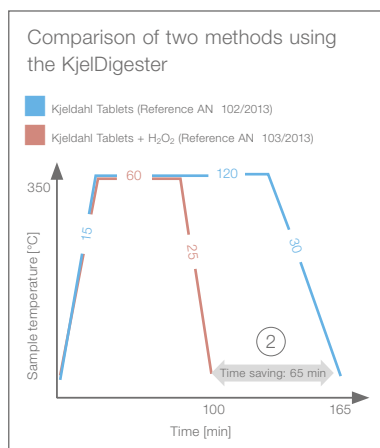


Ergonomic handling

The suction module with two handles and magnetic connections guarantees a strong and secure hold. Store the drip tray in the holder during a digestion run.

Highest sample throughput

The KjelDigester digests up to 120 samples a day. The digestion process is reduced by up to two hours when compared to other block digesters. The heat up time is reduced by 35 minutes (1) and the cool down period by 25 minutes. Furthermore, the digestion time is reduced by additional 65 minutes (2). This results in a very fast and efficient Kjeldahl digestion. With a high degree of automation the KjelDigester K-449 is the perfect match to the KjelSampler.



Place the sample tube racks from both digesters directly into the KjelSampler K-376 or K-377 for fully automated, high throughput nitrogen and protein determination according to the Kjeldahl method.

K-446 / K-449: Your most important benefits



Highly efficient

- Acceleration of the heating and cooling step, saving up to two hours
- Direct transfer of the 20 position rack to the KjelSampler
- Unattended operation by using automatic lift and delayed start time (K-449 only)
- Programmable time / temperature profiles and full Scrubber K-415 control (K-449 only)



Safe and convenient

- Improved sealing for effective transfer of harmful fumes
- No user contact with hot samples due to automatic lift (K-449 only)
- Convenient magnetic suction module fixation
- Extended lifetime of block and accessories with protective drip tray



Proven

- Compliant to official regulations like AOAC, ISO, EN
- Accurate temperature control following the programmed profile
- Reproducible digestion due to the improved thermal homogeneity

Complete your portfolio



KjelMaster System
K-375 / K-376 / K-377
Steam distillation, titration
and auto sampling



Scrubber
K-415
Neutralization



Mixer
B-400
Grinding and
homogenization



Kjeldahl Tablets
Catalysts

