



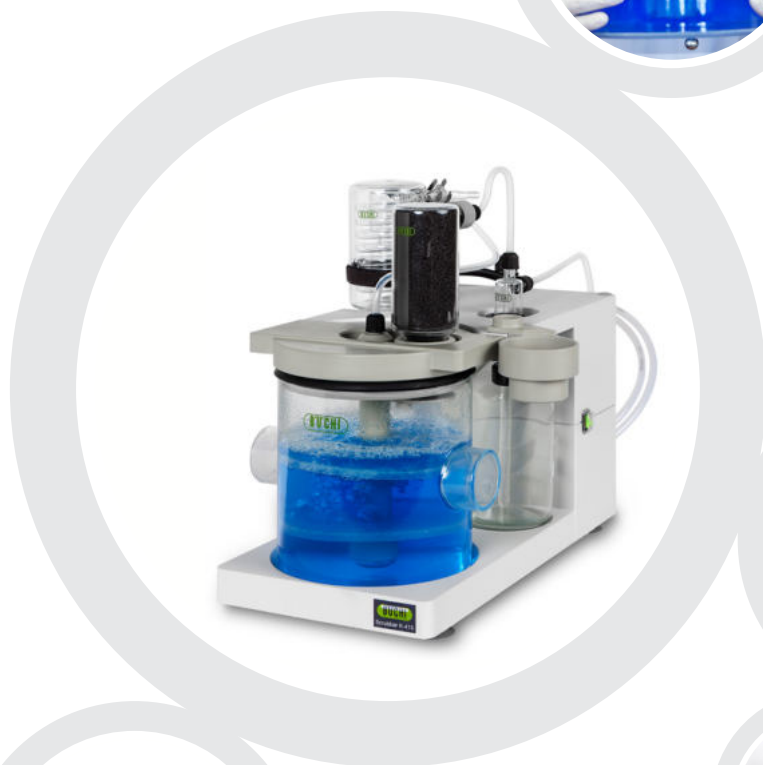
## Scrubber K-415

### Four steps for occupational safety

The Scrubber with its four cleaning steps provides maximum safety. It protects the user and the environment not only by neutralizing the poisonous fumes and reaction gases but also by minimizing the use of cooling water.

#### Safe

Keep your lab free of harmful acid fumes



#### Cost-effective

Reduce your running costs and minimize tap water consumption



#### Beyond neutralization

Absorb specific reaction gases (e.g.  $\text{NO}_x$ ) using the QuadScrub<sup>ECO</sup>

## K-415: Your most important benefits



### Safe

- No exposure of the operator to harmful acid fumes
- Maximum safety in the workplace from a self-contained design
- Adjustable suction power to control sample dryness
- Most efficient neutralization due to the large gas/liquid contact area



### Cost-effective

- Automatic cooling water control provided for all Scrubber<sup>ECO</sup> models
- Full control of the Scrubber via the digester
- No corrosion of the fume hood
- Maximal neutralization efficiency by the swirl discs
- Easy evaporation of water samples (TKN)



### Beyond neutralization

Broad range of applications due to the four cleaning steps:

- Step 1: Pre-condensation of fumes
- Step 2: Neutralization of acid or alkaline fumes
- Step 3: Adsorption of organic or inorganic substances
- Step 4: Redox-reactions of specific fumes

## Complete your portfolio



**KjelMaster**  
K-375  
Steam distillation and  
titration



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



**KjelDigester**  
K-446 / K-449  
Block digestion



**Wet Digester**  
B-440  
Incineration

