



## **KjelMaster K-375 / K-376 / K-377** Pre-installation checklist

The following checklist will assist you in site preparation for your BUCHI instrument. Careful attention to the requirements presented in this document will help simplify instrument installation and ensure that the instrument operates as it was designed.



## **KjelMaster K-375 / K-376 / K-377** Pre-installation checklist

All appropriate items in this checklist must be completed, signed and returned to BUCHI. Re-turn your checklist as soon as your laboratory is ready and functional for prompt installation of your KjelMaster. If you are performing self-installation, please check the box on page 2 for self-installation below and return the form to BUCHI.

### Environmental requirements

If used with an autosampler, the KjelMaster should be placed on the right hand side with a space of 10cm in-between.

Ambient temperature of 5°C to 40°C

Relative humidity ≤ 80% (up to 31°C)

### Space requirements

Enough space as defined below: (Width x Depth x Height)

For the KjelMaster K-375: 460 x 435 x 670 mm.

For the KjelSampler K-376: 510 x 660 x 750 mm.

For the KjelSampler K-377: 1020 x 660 x 750 mm.

Allow additional space around the instrument for a comfortable working environment, preparing samples, solvent & waste bottle, etc. Take into account any additional obstacles in the area such as gas taps, water taps, drains, sloping ceilings in enclosures, etc...

Allow an additional 30cm of space around the product for air flow.

### Location of the unit

Place the KjelMaster K-375/ K-376/ K-377 on a clean, level, vibration free surface.

### Power requirements

The KjelMaster K-375/ K-376/ K-377 requires its own standard 220 – 240 V ± 10 % 50/60 Hz mains outlet socket. A standard mains cable is supplied.



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### Other Requirements

A cooling water source is required with a maximum pressure of 4 bar. The flanged screw coupling to the water source has a standard screw thread of ½" MNPT.

Reagents requires:

- Deionised water.
- 32% sodium hydroxide solution.
- 2% or 4% boric acid solution (depending on application).
- pH 4 and pH 7 buffers. Provided in scope of delivery.
- 3M KCl solution. Provided in scope of delivery.
- Additional reagents may be required if you are performing an application outside of Kjeldahl.

Recommended accessories:

- Additional sample tubes, 300mL, quantity of 20. Order Number: 11059690.
- KjelLink software. Order Number: 11058664.

Additional application tools

- Kjel Optimizer App: Available for free from GooglePlay, iTunes or WindowsPhone.
- Kjeldahl Guide. Comprehensive guide covering aspects of the theoretical and practical know-how (Order No: 11055033).
- Kjeldahl Practice Guide. Provides theoretical background information, useful hints and calculation tables for daily routine work (Order No: 11592548).

### Detailed Technical requirements

I have reviewed the detailed Technical Data on [www.buchi.com/media-center](http://www.buchi.com/media-center).  
My facility fulfills the required specifications.

### Facility sign-off

Return your checklist as soon as your facility is ready and functional for prompt installation of your KjelMster.

Environmental Requirements as specified for your facility

Space Requirements

Power Requirements

Other Requirements

Self-Installation



## KjelMaster K-375 / K-376 / K-377

### Pre-installation checklist

Please enter the following information and sign below:

Company name

Customer name

Contact number

Purchase order no.

I certify that the preparations required for the installation of the KjelMaster have been completed and functional as described in this document.

**I further acknowledge that if any of these requirements are not ready by the agreed upon installation date and I have not rescheduled the installation, then I will be responsible for any additional costs relating to the installation of the system.**

Customer signature

Date

Please sign and return by fax or email to BUCHI as soon as your laboratory is ready for installation:

#### **Attention:**

Find your BUCHI Affiliate or partner on: <https://www.buchi.com/en/worldwide>

If you have any questions or queries, then please do not hesitate to contact us.



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### Quality in your hands

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