



SyncorePlus

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.



SyncorePlus

Pre-installation checklist

All appropriate items in this checklist must be completed, signed and returned to BUCHI. Return your checklist as soon as your laboratory is ready and functional for prompt installation of your SyncorePlus. If you are performing self-installation, please check the box for self-installation on page 4 and return the form to BUCHI.

Environmental requirements

Place the SyncorePlus in a well ventilated room or fume hood.

Ambient temperature of 5 °C to 40 °C.

Relative humidity \leq 70%.

Space requirements

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

For the SyncorePlus: 500 x 520 x 325 mm.

For the optional Recirculating Chiller F-314: 400 x 500 x 660 mm.

For other BUCHI Recirculating Chillers; consult the relevant technical data sheet.

For the optional Vacuum Pump V-300 & Interface I-300: 200 x 325 x 315 mm.

NB Include additional depth for optional secondary condensers.

Keep the recirculating chiller as close as possible to the SyncorePlus to ensure that the coolant tubing can be kept to a minimum length.

Allow at least 40 cm of space between the recirculating chiller and the wall and 40 cm in front of the chiller for sufficient airflow and proper cooling of the chiller.

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

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Location of the unit

The unit must be installed on a clean, stable, and level surface.

If using a mains water supply for cooling, then the system should also be within 1.0 m of the cooling water supply. Cooling water needs to operate with unobstructed flow with no more than 2 bar of pressure. The cooling water tap needs to have a connection suitable for pushing on and securing a 6 mm ID / 9 mm OD hose. A drainage sink able to keep secure drainage hose should also be available.

Power requirements

A SyncorePlus requires a standard 230 V mains electricity socket.

Each accessory (Vacuum Pump, Recirculating Chiller) requires its own standard 230 V mains electricity socket.

All mains electricity cables and plugs are supplied.

Other requirements

When using a Recirculating Chiller, take into account the chiller temperature setting when selecting a coolant. A 40:60 ethylene glycol to water mixture that does not freeze until -16 °C is recommended. Allow 6 L for an F-305, 8 L for an F-308 or 10 L for an F-314; this allows enough to fill the chiller and condenser while also leaving enough for future use.

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Facility sign-off

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

Environmental Requirements as specified for your facility.

Space Requirements.

Other Requirements.

Power Requirements.

Self-Installation.

Please enter the following information and sign below:

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

Company name

Customer name

Email address

Purchase order n°.

I certify that the preparations required for the installation of the SyncorePlus 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 email to BUCHI as soon as your laboratory is ready for installation:

Attention: Find your BUCHI affiliate or partner on: www.buchi.com/worldwide

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

Core messages to our customers

BUCHI creates added value

“Quality in your hands” is the guiding principle that shapes our philosophy and our actions. It challenges us to provide outstanding services that are precisely tailored to your needs. This means that we must stay in close contact with our customers. That is why we keep in touch and continue to work very hard to understand you and your business even better.

We help you by providing high-quality products, systems, solutions, applications and services that offer you added value. This allows you to focus entirely on your processes and your work.



Competent

We have the technological expertise and decades of experience needed to provide competent support and work with you to continually improve our services.



Reliable

We guarantee the quality and functionality of our equipment and will continue to help you quickly and efficiently whenever something does not operate to your satisfaction.



Safe

By collaborating closely with you, we do everything in our power to make our products, systems, solutions, applications and services as safe as possible for people and the environment.



Cost-effective

We strive to create a high level of economic benefit and maximum added value for you.



Global

As an international family-owned business with own subsidiaries and qualified distributors, we have a presence wherever you are located.



Easy

We support you by providing carefully designed solutions as well as instruments and systems that are easy to operate.



Sustainable

We support environmentally friendly processes and manufacture products that have a long service life. We utilize advanced technologies to leave the smallest environmental footprint possible.

We are represented by more than 100 distribution partners worldwide.
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Quality in your hands

