

Kvick Lab Flow Meter Installation

Process filtration

Instructions

This instruction describes how to install the Yokogawa flow meter upgrade kit in a Kvick Lab™ cross flow system. Install the upgrade kit following the steps below:

Step	Action
1	Flush the Kvick Lab system with DI water or WFI to remove potentially hazardous cleaning or process fluids. Depressurize the system and disconnect the pump power cord.
2	Remove the three sanitary clamps, retentate valve and the section of retentate piping located between the retentate pressure gauge and the feed reservoir (see the Figure below).

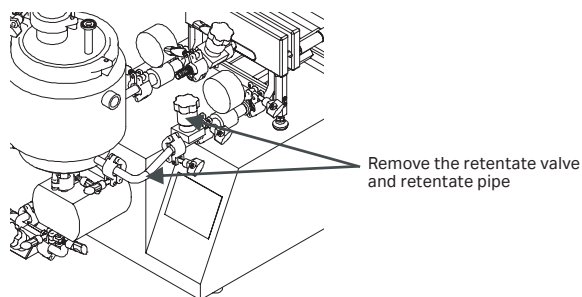


Fig 1. Retentate piping in normal configuration instructions

Step	Action
3	Place the flow meter and stand next to the pump cabinet. Connect the supplied piping and reinstall the retentate valve using the supplied sanitary clamps and gaskets (see the Figure below). Note that an extra section of pipe is supplied. You can install this pipe in place of the flow meter when you want to run the system without the flow meter.

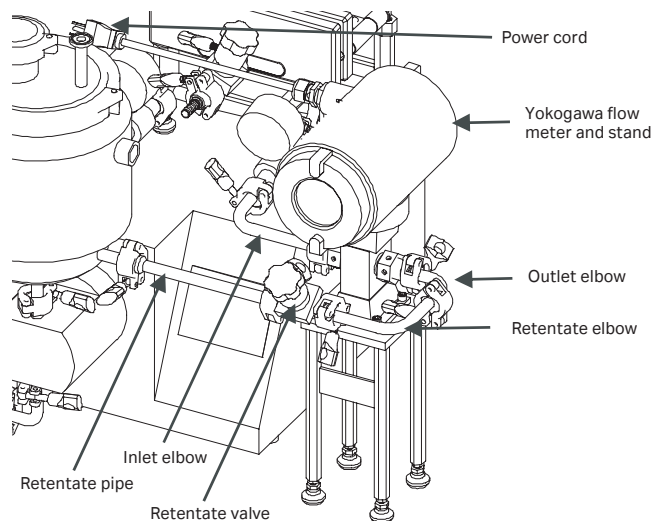


Fig 2. Retentate piping showing the installation of the flow meter and supplied piping

4	Plug the flow meter power cord into the proper electrical supply outlet.
5	The flow meter is calibrated at the factory and is ready to use.

Where to Find More Information

The supplied Yokogawa flow meter guide and your Kvick Lab system user guide can provide you with additional information. You can also download technical documents and learn more about cross-flow systems at [cytiva.com](https://www.cytiva.com).

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