

## Recommendations for Maintenance

Keep your Pinnacle in good condition and minimize downtime by performing annual maintenance.

Performing preventative maintenance on your Pinnacle PCX is easy to accomplish with the kits and instructions that are provided.

Refer to the maintenance section of the Pinnacle manual for details on performing the maintenance. We will be pleased to send the manual on request.

Below you can find a general maintenance schedule. Your individual maintenance schedule will depend on usage. If you use the Pinnacle PCX very intensely, you may want to perform the preventative maintenance more often.

**For professional maintenance complete maintenance and tubing kits are available** (see back side).



*PINNACLE PCX by Pickering Laboratories, single-pump system shown here*

### Routine Maintenance

- ✓ Check for leaks every day
- ✓ Replace flush and piston wash reservoirs every week
- ✓ Record operating pressures in a daily log book

### Precaution is Cheaper than Repair

- ✓ Replace valve and pump seals every 12 months
- ✓ Replace the 10µm reagent frits every 3 months
- ✓ Change the tubings every 24 months

Please contact us for an individual offer concerning spare parts, for a complete maintenance or questions how to accomplish maintenance by yourself.

If you ever need to find a part number for the Pinnacle PCX, please see the "Parts Lookup" on Pickering's webpage [www.pickeringlabs.com/partslookup/PinnaclePCX.asp](http://www.pickeringlabs.com/partslookup/PinnaclePCX.asp)

**Overview maintenance and tubing kits with ordering information**

## Ordering Information

Description	P/N
<b>Maintenance kit for PINNACLE PCX (single pump)*</b> , consists of: Pump seal kit (1452-0122) Valve seals kit (1452-0201) Replacement reagent 10 µm filter (3102-9040)	1000-1003
<b>Maintenance kit for PINNACLE PCX (dual pump)*</b> , consists of: 2 x Pump seal kit (1452-0122) 2 x Valve seals kit (1452-0201) 2 x Replacement reagent 10 µm filter (3102-9040)	1000-1004
Pre-column check valve (recommended additionally to maintenance kit)	3106-1007
Valve seal tool (tool only)	1452-0200
<b>Tubing kit for PINNACLE PCX (single pump)</b> , includes all in the system integrated tubings in the right length, with preassembled fittings and ferrules	1100-0501
<b>Tubing kit for PINNACLE PCX (dual pump)</b> , includes all in the system integrated tubings in the right length, with preassembled fittings and ferrules	1100-0500
Pump seal kit (for one pump)	1452-0122
<b>Valve maintenance kit</b> consists of: Valve seals kit (1452-0201) Valve seal tool (1452-0200)	1452-0202
Valve seals kit (for one valve)	1452-0201
Replacement reagent 10 µm filter	3102-9040

\* For the very first maintenance we recommend the valve seal tool (1452-0200).