

Chemistry Pump Devices with Cold Traps, KGW-Isotherm

① Chemistry pump device with two cold traps type CP

Applications

flexible applications in laboratory e.g. for

- drying processes
- condensation processes
- vacuum technology
- gas cleaning

Advantages

- Compact design
- Easy handling
- Suitable for aggressive mediums
- Glass components in Borosilicat 3.3
- O-Ring sealed spherical joints incl. fork clamps
- Frame work on wheels
- Table board made of stainless steel
- Parallel operation with 2 cold traps – On failure of one cold trap the other cold trap keeps on working.
- Alternate operation with 1 cold trap – The cold trap in use are chosen by the valve adjustment.

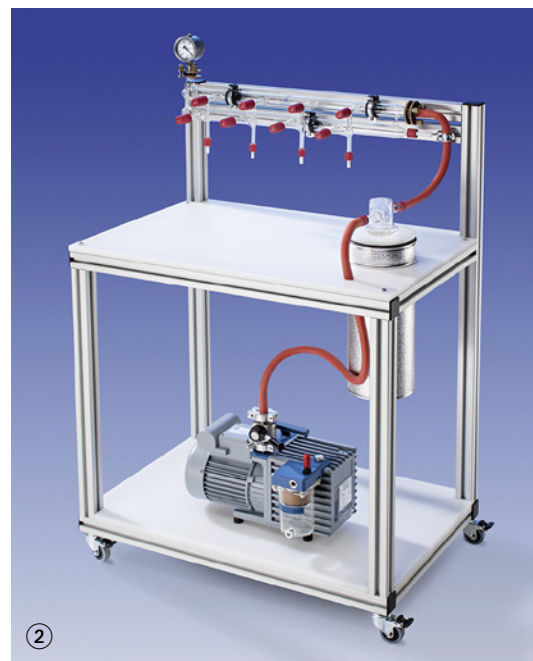
Technical Data:

Dewar:	type 12 C
Content:	1000 ml
Cold trap:	type S 29 O
Dimensions trolley W x L x H:	500 x 750 x 750 mm
Weight:	25 kg

Type	Pressure gauge	Order No.
CP1	yes	10 50 11707
CP2	no	10 50 11708

Special versions

- 2 cold traps serial connected
- With special joints



② Chemistry pump device GP3 with cold trap and pump fork with aeration

Type GP3 is a mobile chemistry pump stand with a cold trap and a pump fork with a separate aeration cell.

The pump fork has four independently switched vacuum valves and additionally four independently switched aeration valves, so that every sample holder can get individually evacuated or aerated. Through this type of assembling, every sample holder can get disconnected or aerated separately without affecting the vacuum of the other sample holders.

Type GP3 has a small flange KF-NW 16 with vacuum manometer. Instead of the vacuum manometer you can also connect an electronic vacuum gauge. The pump stand will be delivered as standard without suitable vacuum pump.

Component parts

- Rubber hose with small flange KF-NW 16
- Rubber hose for 10mm-olives
- Pump-fork support
- Vacuum pump (not included in scope of delivery)
- Cold trap type KFL 29-GL (CP)
- Bulge on Dewar flask's casing
- Pump fork with aeration cell
- 6 mm-Produran valve with O-ring seal and GL18-glass screw thread with 10 mm-PTFE-olive
- Vacuum flange with manometer
- KF-NW 16 with 10mm-olive
- Aeration port GL18-glass screw thread with 10 mm-PTFE-olive (angled)
- PE-table plate
- Aluminum-profile rack
- Four lockable guide rolls

Technical Data:

Dewar:	type 18 CAL-S with bulge
Effective capacity with cold trap:	2000 ml
Condensate capacity of cold trap:	250 ml at maximum
Dimensions trolley W x L x H:	500 x 750 x 1100 mm
Weight:	35 kg

Type	Pressure gauge	Order No.
GP3	35 kg	10 50 11753

Additional versions available on request.

