



Insulation for Diffusion Pump.

Additional Information.

Insulating material.

The insulating collar is made of highly thermal mineral materials in an aluminium laminated glass fiber web.

The insulating collar consists of:

- Base plate with holder
- Segments for top area
- Segments for down area

No additional software modification and software changes in the machine needed.

Installation time.

The installation time depends on the installation of the pump:

- Free-standing diffusion pump: 1-2 hours
- Fixed diffusion pump: up to 10 hours

We strongly recommend to retrofit the insulation for both diffusion pumps 12.000 and 20.000 during maintenance to keep installation time as short as possible.

* All general Terms and Conditions apply.

All possible configurations and Bühler Leybold Optics technologies available.
(dependent on the installation of the diffusion pump)

Insulation for Diffusion Pump.

Additional Information.

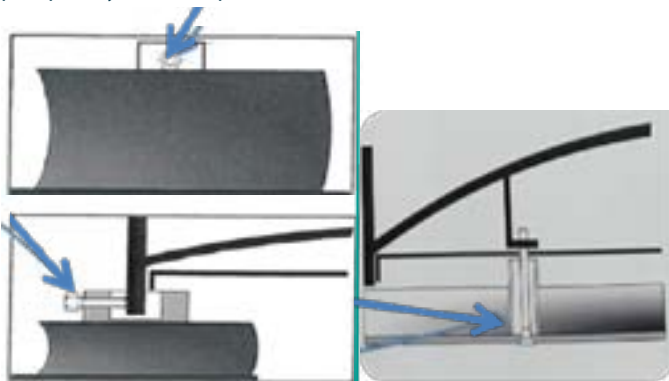


Diffusion pump and insulation.



Assembly of isolated base plate.

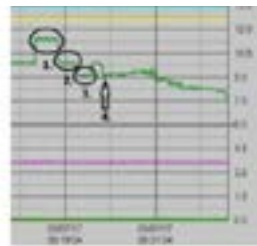
Adjust the bolts fixed to the base plate at the bottom of the pump body and cramp M6 screws.



Base plate for DIP 20.000.

Base plate for DIP 12.000

Energy savings with insulation.



- 1. Initial situation without insulation
- 2. 2 Heaters off
- 3. 3 Heaters off
- 4. RetroFit + Regulation



- Diffusion pump switched off

Energy savings due to insulation.



3 Heaters switched off.

Benefits.

- Up to 30% energy conservation without power loss
- Simple installation and start-up
- Decrease of ambient temperature and cooling water
- Fast ROI