

MEISSNER TRAP

Objectives

To avoid the backstreaming of oil pump inside a vacuum system. To improve the vacuum level due to the absorption of water vapor from the vacuum system.

Environmental conditions

- Maximize the cold surface in the minimal volume.
- The Meissner trap have to be between the vacuum chamber or the turbo pump and the rotary pump.
- 9 stainless steel tubes filled with liquid nitrogen at 77K.

Technical parameters

- Volume maximum of liquid nitrogen of 80cm³.
- KF25 flange to connecting vacuum pump and the vacuum chamber.
- Body pump with a flange of DN100CF

