

Circulating water vacuum pump

Code PXC001

Vacuum pump that uses the water jet method to generate vacuum; a centrifugal pump propels the water contained in the tank at high speed through two vacuum tubes. It is a multi-purpose device which, in addition to providing vacuum, can be

used to supply cooling water for applications such as evaporation, distillation, crystallisation, filtration, sublimation, etc. It is a very useful apparatus in laboratories of universities, pharmaceutical, food and other sectors.

- The water contained in the tank is recycled, thus avoiding waste.
- General switch with indicator light.
- Two independent vacuum ports, each with its own vacuum gauge.
- At the rear there is a valve and two connectors, one for the water outlet and one for the water inlet. They can be used either to empty the tank or to establish an external cooling water recirculation circuit.
- Stable vacuum pressure.
- Its small size and light weight make it easy to move from place to place.
- Corrosion resistant. Made of ABS plastic and the internal parts of the centrifugal pump made of stainless steel.
- Low noise operation.



Technical specifications

Vacuum level (gauge pressure)	-0.09 MPa
Vacuum flow rate (at each port)	10 L/min
Tank capacity	15 L approx.
Centrifugal pump flow rate	60 L/min
Centrifugal pump head	8 meters
Power supply	220V, 50 Hz
Power	280 W
Noise	< 45dB
Dimensions (L x W x H)	395 x 290 x 450 mm
Weight	10 kg