

# JET-1 A / JET-1 K

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Scientific Instruments GERMANY



The flexible water jet vacuum pump

# Water jet vacuum pump **JET-1**

Contrary to rotary vane and membrane pumps, sucked in condensates will not significantly influence the suction performance of this pump.

All vacuum concentration processes benefit of the very stable process vacuum of the water jet vacuum source, which not only results in less bumping and foaming.

Water is circulating through two or four high performance water jet vacuum pumps made of borosilicate glass. The electrical stainless steel circulation pump guarantees constant water pressure, best vacuum results and long service life.

The **JET-1 K2** and **JET-1 K4** can save nearly 100% of cooling water. These vacuum pumps are equipped with a built in heat exchanger, to be connected to a chiller.

The **JET-1** is the ideal vacuum source for...

Wickbold systems

## Desiccators

Drying pistols

Claisen systems

## Rotary evaporators

Vacuum filtration systems

## Kjeldahl digestion systems

Gel dryer

## Drying ovens

## Available water jet vacuum pumps JET-1

Type of vacuum pump – scope of delivery	Order no.
Electrical water jet vacuum unit <b>JET-1 A2</b> - 2 separate high performance jet pumps - built in thermostat - water filter - 2 vacuum plugs, 2 check valves with filter device, tubings	5.360.000
Electrical water jet vacuum unit <b>JET-1 A4</b> - 4 separate high performance jet pumps - built in thermostat - water filter - 4 vacuum plugs, 4 check valves with filter device, tubings	5.310.000
Electrical water jet vacuum unit <b>JET-1 K2</b> - 2 separate high performance jet pumps - integrated cooling coil - built in thermostat - water filter - 2 vacuum plugs, 2 check valves with filter device, tubings	5.370.000
Electrical water jet vacuum unit <b>JET-1 K4</b> - 4 separate high performance jet pumps - integrated cooling coil - built in thermostat - water filter - 4 vacuum plugs, 4 check valves with filter device, tubings	5.320.000

## Technical data

- Final vacuum: according to the vapor pressure table of water	<b>JET-1 A2 / JET-1 A4:</b> 23 hPa at 20°C water temperature <b>JET-1 K2 / JET-1 K4:</b> 7 hPa at 1°C water temperature
- Suction performance:	4500 litres/h
- Electrical power:	230V/50Hz/0.7kW, single phase – other voltages upon request
- Weight:	23kg

## Dimensions



For further informations please contact us by phone, fax or e-mail

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