

distillation & filtration & separation & sample preparation

PUMPS - "vacuum & pressure"



➤ Ideal pumps for all kinds of filtration applications and also for air sampling, suspended solid tests, vacuum distillation, gel drying, chromatography applications. Can be used simultaneously both as a vacuum pump and as a pressure pump for pressure supply.

➤ Piston driven, belt free motor does not need any oil or lubricant and offers continuous oil free pumping. Siliconised rubber feet holds the pumps on the bench surface.

➤ Unique design of the pump guarantees maintenance free and long life cycle with minimum noise level less than 50dB.

➤ Filter barrier in the air exchange compartment of the pump enables clean air cycling at all times. Vacuum and pressure indicator at model 622.12.001 shows operational vacuum and pressure values at all times.

➤ Thermal protection system for overheating guarantees automatic stop in case of over heat during process.

catalogue number	maximum flow rate	maximum vacuum	maximum pressure	tube thread	motor power	total weight	vacuum & pressure indicator	dimensions
622.11.001	15 L/min.	250 mbar	30 Psi	6 mm	75 watt	4 kg	non	195x98x156 mm
622.12.001	30 L/min.	200 mbar	30 Psi	6 mm	160 watt	8 kg	yes	210x160x235 mm



WATER JET PUMP "polypropylene"

➤ Manufactured from polypropylene for continuous filtering applications.

➤ Suitable to operate under 10 kg/cm² water pressure.

➤ Featured with a non-return valve that eliminates water back flow.

➤ Easily dismantled for effective cleaning.

➤ Can be used also as a simple vacuum pump.

catalogue number	pack quantity
040.10.001	1 piece



FLOW INDICATOR

➤ Manufactured from PMP for precise optical indication of the flow. Can resist max 2 bar pressure. Can be used with tubings of 6 to 11 mm internal diameter.

➤ For optimum performance the minimum flow rate of 50 ml/minute (vertically) and 140 ml / minute (horizontally) is required.

➤ Functions in both directions and can be mounted with any angle.

catalogue number	pack quantity
052.18.001	1 piece



NON-RETURN VALVE - "polypropylene"

➤ Manufactured from polypropylene for usage with tubing connections and vacuum systems.

➤ Prevents water back flow when the pressure declines. Useful for any tubing system and vacuum line.

➤ Max. safe working pressure at ambient temperature: 2,0 bar. Min. safe working pressure at ambient temperature: 0,07 bar.

catalogue number	tube diameter	pack quantity
040.10.005	8 - 11 mm	1 piece