

GAST 1/4 HP VACUUM PUMP

The perfect and most economical pump for vacuum filtrations. Ideal for Total Suspended Solids and Fecal Coliform filtrations. Gast 1/4 hp, runs on 110VAC. Smooth, quiet operation. Maximum vacuum 27" of Hg. Complete unit, including 2 pressure/vacuum gauges, two moisture separators, filters, and all necessary fittings. If you find anything cheaper, you'll probably have to spend another \$150.00 on fittings and gauges. Complete unit includes: 1 qt. oil (AD-220). Fill with oil and you're ready to go.



PG-500 **595.00/ea**

- service kit for above (K-556A)
- filters for above (AC-393)

REPLACEMENT PARTS FOR GAST VACUUM PUMPS

Description	HP	For Models	MFGR #	NCL #	Price/ea
Oil	1/8, 1/6 1/3, 1/4	0322, 0522, 0211 & 0523-V4	AD-220	AD-220	22.75
Filter	1/3, 1/4 1/3	0322, 0522 0523-V4	AC-393	AC-393	11.75
Vanes (4 Each)	1/3, 1/4	0523-V4	AK-731	AK-731	46.20
Metal Jar	1/3	0523-V4	AA132	AA-132	22.65
Service Kit, Incl: 4 Vanes, 2 Filter Cover Gaskets, 2 Oil Cover Gaskets, 1-wick, 2 AC-393 Filters (for PG-500)	1/4	0523-V4	K-556A	K-556A	70.25
Vanes (4 Each)	1/6, 1/8	0211	N/A	AA-345	18.40
Service Kit, Includes 4 Vanes, 2 body gaskets, 2 cover gaskets, 5 Filter Felts and 1 Wick	1/6, 1/8	0211	N/A	K-216	30.10
Service Kit, Includes 4 Vanes, 3 Cover Gaskets, 4 Filter Felts and 1 Wick	1/3, 1/4	0322,0522	N/A	K-246	45.20

VACUUM TUBING

Red rubber vacuum tubing.

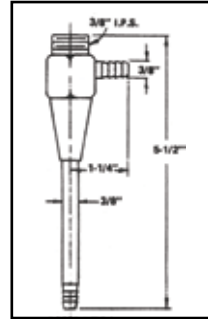
ID"	Wall"	OD"	NCL#	Price/ft	Price/roll
1/4	3/16	5/8	TV-98	6.45	453.20/100 ft
5/16	3/16	11/16	TV-99	5.55	403.20/100 ft
3/8	3/16	3/4	TV-100	5.50	450.00/100 ft

VACUUM PUMPS (ASPIRATORS)

METAL ASPIRATOR

Metal aspirator has $\frac{3}{8}$ " I.P.S. thread which fits the inside thread on most standard laboratory faucets. Side arm accommodates $\frac{3}{8}$ " ID tubing for vacuum filtrations. Overall length is 5 $\frac{1}{2}$ ".

AL-127 **61.50/ea**



PLASTIC ASPIRATOR

Polypropylene with polyethylene tubing. Maximum free air pumping capacity of 11.5 liters per minute at a water flow rate of 6.5 liters per minute. Supplied with integral check valve, $\frac{3}{8}$ " connecting thread, and 4 $\frac{3}{4}$ " length of tubing for insertion in discharge end.

AN-614 **13.75/ea**



METAL ASPIRATOR

Excellent performance for vacuum filtrations under high or low water pressure. A ball-type, positive-action valve in the suction tube prevents backflow if pressure is reduced. Inlet has $\frac{3}{8}$ " tapered NPT thread. Overall length is 3".

AL-129 **26.00/ea**



ADAPTER FOR AL-129

Adapts AL-129 to most standard faucets.

AL-130 **10.00/ea**



IN-LINE FILTER CAPSULE

Protects vacuum pumps from damage by aqueous solutions. Polypropylene housed 50 mm filter capsule has teflon membrane with 0.45 micron pore size. Stepped hose barb accepts $\frac{1}{4}$ " to $\frac{3}{8}$ " ID tubing. Non-sterile.

FN-440 **116.00/pk of 10**



NEW! OIL-LESS VACUUM PUMP

- Low-maintenance - Quiet operation
- Liquid traps at inlet and outlet
- Liquid shut-off at inlet
- Vacuum and pressure gauges and adjustments
- Hose barbs included
- Max vacuum 27.6" Hg.

Electrical info: 1/4 hp. 115V, 60 Hz

Weight: 13.8 pounds

Uses 1/4" ID vacuum tubing (NCL# TV-98)

PW-500

625.00/ea

NEW! OIL-LESS AERATOR

Ideal for aerating dilution water and rehydrating seed!

- Low-maintenance - Quiet operation
- Low vibration. generates very little heat.

Electrical info: 115V, 60 Hz

Weight: 5.3 pounds

Uses 3/8" ID vacuum tubing (NCL# TV-100)

AW-500

355.00/ea



VACUUM MANIFOLDS

PVC FILTER MANIFOLDS



3-STATION PVC VACUUM MANIFOLD

Lightweight, acid resistant; standard cup accepts a #8 stopper to adapt microanalysis units and other devices. A 2-way valve with Teflon (PTFE) stopcock in PVC body. 1/4" male NPT to hose barb fittings connects main manifold to 3/8" ID vacuum tubing. Maximum temperature: 60°C (140°F). Not autoclavable.

MS-534

763.85/ea

3-STATION STAINLESS STEEL VACUUM MANIFOLD

Autoclavable, with 2-way valves. Outlet connection: 1/4" male NPT to hose barb fitting connects main manifold to 3/8" ID vacuum tubing. Standard cup accepts a #8 stopper to adapt microanalysis units and other devices. Exterior taper accepts a 40/35 female joint.

MS-531

1012.70/ea

