

COMPACT STATION FOR ASPIRATION & PRESSURE TRANSFER



Model 2511

Specifications & Ordering - p. 29

- Pumping capacity 11 l/min. @60 Hz
- Pressure transfer capability to 33 PSIG (3.3 x 10⁵ Pascal)
- Automatic flow stop when 1.2 liter receiver full
- Lightweight, portable

Versatile model 2511 standard duty, oil-free station is an economical, portable solution for aspirating, filtering or rinsing. Added accessories include 1.2 liter autoclavable, bleach resistant collection receiver, vacuum regulator and gauge, hydrophobic inline filter, automatic shut-off when receiver is full. All wetted parts are treated for corrosion protection from moisture. Recommended for aspirating aqueous solutions including buffers, but not for acidic, basic or organic vapors or gases.

See p. 9 for hand held pipettor and other aspiration accessories.

PARTICULATE, HYDROPHOBIC IN-LINE FILTERS

The filters are an economical solution to protect your WOB-L™ piston vacuum pump from fine particulates and aerosols down to 0.2 microns in diameter.

Made of Polypropylene housing, CAT. No. 1475K-21 fits 1/4" to 3/8" and CAT. No. 1475K-23 fits 1/4" ID hose.

Made of SBS resin housing, CAT. No. 1475K-22 fits 3/8" to 7/16" ID hose.

For Ordering Information, see p. 39



HIGH FLOW FOR CELL CULTURE ASPIRATION



Model 2515

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- High pumping capacity 34 l/min. @60Hz
- Bleach resistant
- Automatic flow stop when 1.2 liter receiver full
- Lightweight, portable

High flow model 2515 standard duty, oil-free station is an economical, portable solution for aspirating or filtering. Station includes 1.2 liter collection receiver with port lid, vacuum regulator & gauge, and hydrophobic inline filter.

Receiver is autoclaveable and bleach resistant. Automatic float valve shutoff protects pump when receiver is full. For vacuum filtration, receiver port lid accepts filter funnel with stopper.

All wetted parts are treated for corrosion protection from moisture. Recommended for aspirating aqueous solutions including buffers, but not for acidic, basic or organic vapors or gases.

See p.9 for hand held pipettor and other aspiration accessories.

REPLACEMENT JARS FOR ASPIRATION STATIONS

Spare receiver kit (1475K-20) includes a 1.2 liter autoclavable jar with auto shut-off port lid, 6ft. of tubing and two hydrophobic filters.



Pump Model	CAT. No.
2511B-75, 2511C-75, 2515B-75, 2515C-75	1475K-20

Application Note | Aspiration Stations

The most common reason for vacuum pump failure in aspiration applications is the ingestion of liquid into the pump mechanism. Liquids ingested into the pump mechanism will lead to the valves failing or a diaphragm rupturing. Welch Aspiration Stations integrate features that protect your pump and your application:

1. The Collection Receiver captures aspirated liquid and automatically shuts down the pump when full.
2. The hydrophobic inline filter further protects the pump from aerosol ingestion. Routinely empty the Collection Receiver to assure continuous aspiration for your application.



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

