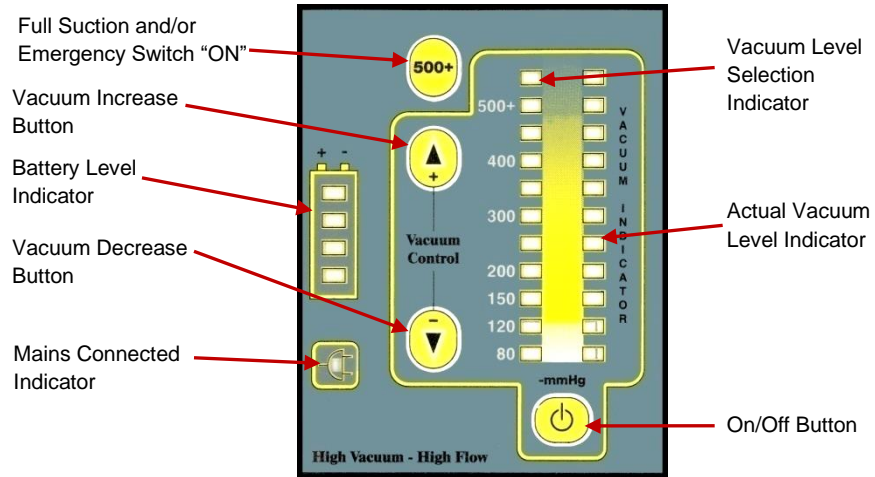


## Operating Instructions for the Oxylitre Petite Elite Portable Suction Pump

The Oxylitre Petite Elite Portable Suction Pump is intended to be used by and/or its use clearly directed by suitably trained personnel for medical suction purposes. Before use please read the cautions and check for any damage/breakage of equipment.



### "On/Off" Button

Press the "ON" button and the unit will start and operate at the lowest suction level (80mmHg).

**Note: When on MAINS after switching "OFF" wait 5 seconds before switching "ON" again (unit needs to re-set in this operating mode).**

### Increase/Decrease Vacuum Button

To increase or decrease the level of vacuum, simply press either the increase (▲) or decrease (▼) button and the level will be displayed.

### Emergency Switch On

When in an emergency scenario or where it is known that the highest vacuum level is required at an instant, the "500+" button can be pressed to give this instant requirement. Pressing the "On/Off" button or any pre-set level settings.

### Pre-use Test

As a Pre-use Test, with the unit switched off, occlude the patient tubing/catheter and press the 500+ button. The right hand vacuum indicator lights will advance to the top setting in approximately 10 seconds. This indicates that the pump is operating correctly.

**Warning: If there is a leak in a jar seal for any reason and air can get into the system the test can become invalid.**

The Hydrophobic/Bacterial Filter should be immediately replaced when found discoloured or if wetted/contaminated. Such contamination can reduce pump performance. Discolouration can be simply checked by comparing it with a new replacement filter.

### Vacuum Level Selection Indicator

When a vacuum level is selected the LEDs on the left will highlight the selected vacuum level.

### Actual Vacuum Level Indicator

During aspiration the actual level of vacuum gained will be indicated on the vacuum level indicator. This column may increase and decrease rapidly as the level of suction may vary depending on the density of the fluid and/or if air is being aspirated.

Vacuum indicator accuracy is  $\pm 10\%$ .

### Mains Connected Indicator

When connected to an external power source; whether for charging or direct use, this LED will light up green (red for models circa pre 3<sup>rd</sup> Quarter 2011).

### Battery Level Indicator

The battery level indicators LEDs display the remaining battery capacity, from the internal battery.

#### **Please Note:**

When receiving the unit for the first time there is no requirement to condition the battery, the battery is conditioned by the normal charging processing.

### Battery & Charging Characteristics

The suction unit incorporates a 12V/4.1Ah NiMH battery, which can operate the suction unit for a period up to 1½ hr.

### Charging

When charging from an external power source the top green light will flash on the battery indicator and the bottom light will stay illuminated. As the battery charges, the LEDs will sequentially light up on the battery indicator. This process will take approximately 2½ hours to fully charge the battery pack.

### Fully Charged

When then battery is fully charged the top green light will stop flashing and stay on.

### In Use

When the suction unit is being operated, the indicator lights will illuminate giving the level of charge remaining in the battery (on battery power only). When the unit is in use (and when not connected to an external power source), the lights will gradually decrease to bottom of the battery indicator, which will remain illuminated until re-charging commences. At this point the suction unit will continue to operate until there is not sufficient power remaining to operate the unit. **Note: As a guide, under battery supply only, when the second from bottom light extinguishes, the unit needs to be plugged into the mains immediately to continue use.**

### In Use & Charging

When the suction unit is being operated whilst connected to an input supply, the top battery indicator light only will illuminate.

### Re-Charging

When the Battery Level Indicator has only the bottom light illuminated, the unit requires recharging. **Note: If this bottom light starts flashing, the unit must be turned off immediately or the battery could totally discharge. If not in regular use, it is recommended to fully charge at least monthly to maintain battery condition.**

**Warning: The unit is designed for *intermittent use* for the aspiration of bodily fluids, secretions, blood and vomitus e.g. from a patient's airway. It should *not* be used for continuous suction or drainage as defined by BS EN ISO 10079-1 i.e. *not* to be used for specific endoscopic use, closed system wound drainage, suction for permanent tracheostomy etc. Recommended 20 mintue intervals of use**

## Medical engineering information

### Battery Removal/Replacement

**Warning: Only use batteries or accessories supplied by Oxylitre or its authorised distributors.**

Remove the two screws that attach the battery cover to the rear of the unit. Remove and disconnect the battery (by pressing down on the white connector tab) and dispose of safely according to local regulations. Replace the battery by first pushing in the white connector into the terminal in the battery compartment (note: can only be attached in one orientation) and then the battery unit itself, taking care with positioning the cable. Replace the battery cover and replace the screws.

### Servicing, Preventative Maintenance & Cleaning

The Hydrophobic/Bacterial Filter should be immediately replaced when found discoloured or if wetted/contaminated. Such contamination can reduce pump performance. Discolouration can be simply checked by comparing it with a new replacement filter.

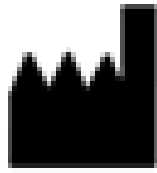
Decontaminate (or replace as necessary) the "Suction Connecting Tube" after each use. Use mild cleaning agents/detergents (e.g. diluted Dettol or similar) when cleaning the unit and Receiver Jar components.

The Oxylitre Receiver Jar and Lid Components are Autoclaveable up to 134°C (for 3 minutes); see Guidelines for Autoclaving Doc-OP-4403.

The battery should be fully charged after use. Do not allow the battery to discharge or consistently fast charge as this will reduce the life of the battery pack.

There are no user serviceable components inside the unit's enclosure. Do not open the enclosure. **Unauthorised repairs will invalidate the warranty.** Refer servicing to Oxylitre qualified engineers ([service@oxylitre.co.uk](mailto:service@oxylitre.co.uk)).

# Oxylitre



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## PSP Series “petite elite” Portable Suction Pump

### Basic user instructions



MR unsafe



Warning Electricity



Fragile



Keep dry



Refer to instructions

**For a more in-depth manual, please contact Technical support**