

### PSP Series “petite elite” Portable Suction Pump

#### Docking Station Installation and Operation



# Docking Station Installation

## Introduction

The suction unit docking station is a device that can be permanently fastened to a wall or a bulk head (panel) to hold and store the suction unit. The suction unit can be used whilst located in the docking station. The station incorporates a locking system that holds and locks a suction unit into place when located into a docking station. The selected power source cable will automatically connect to the suction unit and start charging.

- a. To prevent injuries to persons within the environment, the installation of a suction unit docking station should be planned carefully with considerations of not obstructing any walkways or locating above or near any seating areas. The dimension of a petite suction unit mounted onto a docking station is (in mm) 315H x 305W x 175 (225 with station).
- b. Prior to installation of the petite suction unit docking station, ensure that the wall or panel is suitable. Please choose the mounting fixtures carefully and that they suit the materials of the wall or panel and that they suitably apply. Where the unit is to be installed into a vehicle (I.e. an Ambulance), ensure that the docking station is fastened securely to an area such as to the chassis sub-frame/cage or an area where it is as rigid.

**Please note: Thin fibreglass or plastic panelling will not be suitable.**

The wall or panel should be able to hold the weight of the suction unit, docking station and jar (filled with fluid) and withstand a force of 20 times the force of gravity (20g) and/or at least 6 x the weight complete. The approximate weight of the components and product are as follows:

i.	Petite suction unit:	4.49 kg
ii.	Docking station:	1.50 kg
iii.	Jar (filled):	<u>2.0 kg</u>
	Total: =	7.99 kg x 6

- c. The installation includes an external power supply cable so that when the suction unit is mounted to the docking station, it automatically connects to the power connectors to the rear panel. Ensure that the cable selected will reach a power source outlet i.e. wall socket.

Complete docking station assemblies with cables are available for either:

- i. 110 – 240 volts AC (PSP701C or D): (UK or EU Mains respectively)
- ii. 12 – 17 volts DC (PSP701A): (Black cable, for Ambulances or other vehicles)
- iii. 24 - 28 volts DC (PSP701B): (White cable, for helicopters, commercial)

Please note: The cables leads are 1.5m, the AC versions with 3 pin (UK) or 2 pin (EU) plug, the DC versions with two wires exposed. 12V brown (supply) and green/yellow (common/neutral); 24V blue (supply) and green/yellow (common/neutral).\*

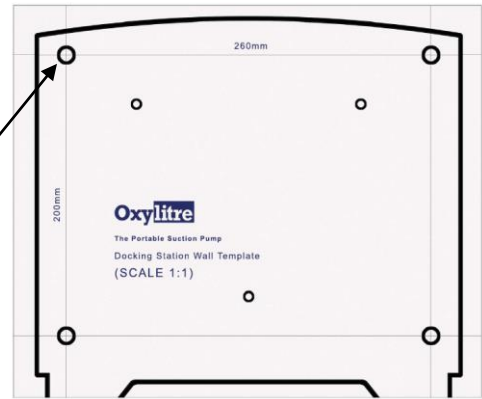
\*Non-standard IEC colour convention.

**Caution: Disconnect Docking Station from electricity supply before cleaning.**

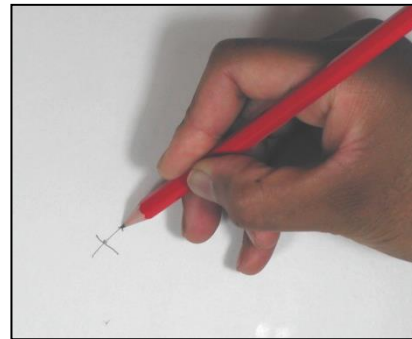
## Marking out and Docking Station Installation

- d. Having planned where the location of the docking station, place the provided paper marking template against the wall/panel then use scotch tape or similar to hold into position.

With a pencil/marker, mark the position of four larger diameter outer screw holes through the paper. (Note: the three extra inner holes are for retro fitting to a previous docking station location).



- e. Remove the paper template, and depending on the type of fixtures selected, prepare the mounting holes at each point marked.



- f. Screw the docking station securely to the wall or panel at the four points prepared.



- g. Connect the cable to the power source. Now check that the installation has been completed correctly by placing the unit in the docking station by simply lifting the unit onto the 2 x resting pegs based at the bottom of the recesses on the base of the suction unit.



- h. While resting on the resting pegs **firmly** push the unit forward towards the docking station until the unit clicks into place securely. At this point your unit has automatically connected to the power source.



- i. When removing the suction unit from the docking station simply hold the unit securely by the handle then press the release switch situated beneath the handle. Tilt the unit forward, then lift and remove.



## **OxyLite**

OxyLite Holdings LTD  
Morton House  
Skerton Road  
Old Trafford  
Manchester.  
M16 0WJ  
England  
[www.oxyLite.co.uk](http://www.oxyLite.co.uk)

Tel: (0161 872 6322  
Fax: (0)161 848 7914  
Email: [sales@oxyLite.co.uk](mailto:sales@oxyLite.co.uk)

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