



# Oxytitre S8 Series Injector Suction Unit Instruction Manual

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**Oxytitre S8 Series Injector Suction Unit**



## Introduction

The Oxytitre S8 Series Injector Suction Units are designed specifically for medical use and can be operated directly from oxygen or medical air-regulated supply. The Injector Suction unit can be used for most types of aspiration requirements. The Injector Suction Unit is ideal for portable use.

## How the unit works

The Oxytitre Injector Suction unit operates from a 400 kPa gas supply. By opening the unit's Control Knob the gas is jetted through the main body creating a vacuum. This provides a vacuum source from 0 to -66.5 kPa (-500 mmHg) on High Suction Units and 0 to -20 kPa (-150 mmHg) on Low Suction Units. Suction values are indicated on the unit's vacuum gauge. The waste gas is vented through a silencing filtration system before it is dispensed into the atmosphere.

## Safety Precautions for the Prevention of Fire & Explosion

When these products are used with an Oxygen supply, ensure the area is well-ventilated to prevent high levels of Oxygen from accumulating. These devices have been designed to dispense the gas into the atmosphere. The Injector Suction Unit or patient **MUST NOT** be allowed near any source of ignition i.e. (this precaution applies during and after patient use): Cigarette/Cigar Smokers, Sparks, Naked flames, Open electrical appliances.

**Warning:** This device **MUST NOT** come into contact with any Oil or Grease, a reaction may cause an Explosion/Fire.

## Specifications

### Gas supply connections(s)

The Injector Suction unit is Supplied with an Australian Standards Diameter Indexed hand wheel. The unit is supplied with a gas supply on/off valve (not shown in illustration)

Vacuum inlet connection The unit is fitted with an 8mm O/D vacuum outlet connection for the attachment of appropriate Vacuum Tubing and a Receiver Jar.

**Receiver Jars and Tubing The Oxylitre Injector Suction unit has been designed to connect to the following recommended Fluid Receiver Jars:** NEANN 500ml Suction Collection Canister Set incorporating a hydrophobic 0.8um pore filter RAPP Australia Pty Ltd Item No 50-001-8057-0000

## Operating Instructions

**(Note: this equipment is NOT for continuous drainage)**

Please note, Oxylitre S8 Series Injector Suction Controllers are not fitted with a hydrophobic filter. Filtration of fluids is achieved via the use of collections canisters referenced in Sec.4

- **a.** Before connecting the equipment to a Gas Supply, check the unit for any visual damage and ensure that the gas control valve lever is at right angles to the white gas inlet hose.
- **b.** Ensure the collection canister is connected correctly refer to the canisters instructions.
- **c.** Connect the Vacuum Tube to the Injector Suction Unit's outlet and the other end to the "Vacuum" input on the Receiver Jar Lid. Fit an in-line Filter in-between if necessary (on Oxylitre 1800 ml Jars an additional Male Connector is required Part No: S7525). Then connect a Catheter Connecting Tube (Part No: 180FFM) to the "Patient" output connector on the Receiver Jar and connect the required Catheter to the male end of the tube. (If required, use Anti-frothing agent as per the manufacturer's instructions).
- **d.** Connect the Unit to a gas supply that complies with AS 2902-2005 Sleeve Index System
- **e.** Use the Control knob to adjust the amount of suction required. With the Patient Tube fully occluded, turn the Control Knob anti clockwise to increase the flow of the suction or or turn the Control Knob clockwise to decrease. The vacuum indicator gauge will give an accurate indication of the suction being applied. Note: Occluding the Patient Tube when setting the suction level is very important and ensures that the patient does not receive excessive suction.
- **f.** Aspiration should be stopped when fluid has reached the top graduation of the collection canister.

## Servicing, Preventative Maintenance & Cleaning

- **a.** Replace the Suction Canister after each patient use.
- **b.** Use standard hospital disinfecting/cleaning agents eg. derivatives of Sodium Hypochlorite.
- **c.** To ensure the quality and performance, this product should be inspected by a qualified/Oxylitre Service Engineer at least annually and it is recommended that a Major Service is conducted every 5 Years Please contact our Service department for details.

## Replacement Parts

- **a.** Adjusting Knob
- **b.** Gauge High Vacuum
- **c.** Baffle Holder
- **d.** Baffle holder cap
- **e.** Baffle
- Parts list available on request. Operating and Safety Instructions
- 50-078-IV005-0000
- 50-078-GV03 -0000

- 50-078-IV002-0426
- 50-078-IV004-0000
- 50-078-IV008-0000
- 50-078-Parts List-0000
- 50-078-OSI-0000

## Technical Data

**Required Gas supply Oxygen:** 400 kPa (58 psi)

**Air:** 400 kPa (58 psi)

### Gas Connections

a. Australian Standard Sleeve Index system for medical oxygen or medical air.

- **Performance Range High Vac Units:** i) 0 to – 66.5 kPa (0 to -500mmHg)
- **Gas Dispersion**
  - 48 LPM at 66.5 kPa
  - 18 LPM at 13 kPa
  - Vacuum Gauges
- **Range:** 0 to – 100 kPa
- Colour: Black on Yellow
- **Diam.:** 50 mm
- Approx Receiver Jar
- Evacuation 500ml <10 seconds


### Manufactured by:

Oxylitre Limited Morton House Skerton Road Old Trafford Manchester M16 0WJ England

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## Documents / Resources

	<p><b><a href="#">Oxylitre S8 Series Injector Suction Unit</a></b> [pdf] Instruction Manual S8 Series Injector Suction Unit, S8 Series, Injector Suction Unit, Suction Unit</p>
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