

The CJC Labs 5 litre Bio Reactors are supplied in a bank of 2 in a convenient and easy to maintain enclosed water bath. This is constructed from moulded polyethylene and has 2 tubes welded in place that allow the reactors to be simply lifted in and out as required without any water loss or spillage.

This 'dry heat transfer' water bath allows the reactor to have a feed port at the top and a drain valve in the bottom so mixing can be maintained at times of feeding and digestate removal

The reactor has a flanged lid on which a high torque DC motor is mounted on a stainless steel plate and the lid is sealed with a neoprene gasket seal. The reactor uses the 'draft tube' principle to ensure there are no gas leaks and the improved design has removed the need for any complicated compression seals.

The stirrer is made of stainless steel and has offset and angled blades which promote both longitudinal and vertical mixing in the reactor which has a 4 litre working capacity.

Each reactor is fitted with a 25mm stainless steel ball valve to facilitate the easy removal of digestate. The gas outlet can be connected directly to gas sampling bags or to a CJC Labs midi gascounter

The reactors can easily be built into proprietary self assembly racking systems or can be supplied with a welded frame which may be more suited to open plan pilot scale facilities.

- Robust single-piece non corrodible water bath.
- Operates on a standard lab DC power supply (not provided)
- Uses circulating Dia 60mm heater to ensure even water bath temperature (not provided)

NB: Specifications subject to change. For availability please contact by telephone or email.

