

COMPACT

Bio Diesel Processor



- 75 litres per batch
- Steel heat sump
- Conical reaction vessel
- Extra wide removable top for increased ventilation
- Safe & robust design
- De-water drain off
- Methoxide draw system
- Easy pour waste oil inlet
- Integrated 'Dry Wash' system
- Dispense nozzle option
- Wheel dolly option

Designed for home or business use

BioBot makes bio diesel *simply, quickly and safely*

In just a few simple steps, you can now produce up to 75 litres of environmentally friendly bio diesel at any one time. The fuel is safely processed, stored and easily dispensed directly into your car from the BioBot processor.

The compact BioBot can be tucked away in the garage, workshop or shed when not in use.

BioBot's robust construction, using industrial grade hoses, valves and connectors, for economical, safe and error free use.

Full training and support readily available.

Bio Diesel made simple

Simple and easy stages to produce high quality bio diesel:



Add cooking oil to oil sump
turn on heater (set to 60°C)



When oil is up to temperature,
de-water using front sump valve.
Set valve to 'Fill Vessel'



Follow simple titration
instructions



Mix methoxide in
mix tank



Connect mix tank to processor.
Set control to circulate (Add catalyst)



After 4-6 hours
Drain glycerol from front tap



Set control to
'Dry Wash'



Dispense your bio diesel

Extra wide removable top
for maximum ventilation



Easy pour
waste oil
entry

Integrated dry
resin wash

Front conical
drain off tap

Heavy duty steel
oil heat tank

De-water drain

Dry Resin Washing

The Biobot "Compact" processor incorporates an integrated dry resin wash system, eliminating the need for messy, time consuming water washing.

Waste Oil Heating

The processor has a steel oil sump, where the waste oil is heated. The standard unit is fitted with a stainless steel immersion heat element. For additional safety and control, the compact processor can be supplied with a thermostatically controlled heat belt system- this approach provides an indirect form of heating which is inherently safer for domestic use.

Methoxide Draw System

The introduction of the methoxide in the mixing process is critical in the successful production of bio diesel. The Compact processor deploys a unique method of drawing the catalyst into the hot oil at a predetermined rate.

The Compact Biobot is supplied with a full instruction/safety manual. There is also a step by step video available.

Processor Options:

Dispense nozzle, valve and final filter (quote DNCV1)

If you would like to be able to dispense your processed bio diesel directly into your vehicle, we can provide the additional hardware to make this a simple clean process. This option includes an additional control valve, dispense hose and nozzle.

Drum Dolly (quote DD1)

This specially supplied drum dolly enables the processor to be easily mounted on and simply moved around. Using the drum dolly option, the processor can be swiftly tucked away for storage or the Biobot and be moved to the vehicle for easy fuel dispensing.

Other accessories which can be provided include: Titration kit, Pumps, Resin refills, Methalate, Methanol, Caustic Soda and Potassium Hydroxide.

- Net Weight: 70Kg
- Dimensions: 140cm x 65cm
- AC Operation 240V
(Optional 110 Volt version available)

BioBot - available from:

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