



## Data Sheet BD5000

The BD5000 is a versatile, portable filtration system designed to remove excess production residues and soaps from bio-diesel and is also highly effective at removing solid contaminants and moisture from oils.

- Removes particulate contaminant down to 3 micron absolute (ISO14/11)
- Removes water and solid contaminants from bio-diesel, diesel and oil
- Removes residual production residues and soaps from washed biodiesel
- Low, cost rugged design
- Compact footprint, portable
- High performance filtration system
- Extends useful working life of your hydraulic oil.
- Simple, portable design.
- 240/110 VAC 50/60 Hz operation
- Air supply version available on request
- Optional laser particle counter with PC software.
- Long element life.
- Reduces machine downtime.
- Easy, efficient cost savings.
- Plug and play operation.



## Specification Table

BD6000 Specification		
<b>Pump specification</b>	Flow: 600 litres/hour (10 litres/min), Power Supply 115/220 VAC, 50/60 Hz	
<b>Operating temperature</b>	3-70°C	
<b>Dimensions</b>	Length	520mm
	Width	420mm
	Height	330mm
<b>Weight</b>	32kg	
<b>Filtration system</b>	2 x SDU H8	
<b>Cartridge type</b>	2 x SDFC W2 - fitted as standard. Supplied in boxes of 6	
<b>Accessories</b>	3 meters of suction/return hose 3/4" hose with suction and delivery lances SDFC-P cartridges for water based fluids	
<b>Optional extras</b>	PC9000 laser particle counter	

## Operating instructions:

- Connect the suction and return hoses/lances to the BD5000 unit
- Ensure the pump is primed. This needs to be done on the first occasion only
- Start the pump
- Do not run the pump dry for extended periods
- Transfer the fluid through the filters until the desired cleanliness levels are achieved. This may be a single or multi-pass, depending on your application.

## Spare Parts List:

