



# FACT SHEET

## Bladder Pump & Compressor

Small, lightweight package with controller with built-in high efficiency electrical compressor that operates any bladder pump.



## Low flow sampling in deep wells

### Advantages

- Very small, highly efficient package
- Controller with built in high efficiency electrical compressor
- Small, lightweight and very portable
- Easy to use
- Dedicated systems available for best low flow results
- Pumps to depths of 60m or more in 1" diameter or larger wells
- Stainless steel pump is easy to clean and maintain
- Intrinsically safe design - pump operates on compressed air
- Disposable bladders and tubing mean no cross contamination
- Accessories and consumables are readily available and very cost effective
- Available in 42mm and 22mm sizes
- Shorter pump is ideal if wells are not straight
- Strong hose barbs - requires no safety cable
- Can sample both product and water from contaminated wells
- Can be run straight from a car cigarette lighter socket (recommended).

### Disadvantages

- Low flow rate means the pump is not suitable for purging wells.

### Accessories

- 12.20.03 4x6mm Polyethylene air delivery tube
- 12.20.04 6x8mm Polyethylene product retrieval tube
- 51150051 Teflon Bladder for 22mm pump
- 21150056 Polyethylene Bladder for 42mm pump.

### Specifications

- 22mm or 42mm diameter
- Pumps up to 124ml per cycle (42mm Bladder Pump)
- Pumps down to 60m or more
- Stainless steel/Teflon construction.

### Alternatives

To purge or develop wells the bladder pump can be used in conjunction with a Total Fluid Pump and Geocontrol 2 Controller (external air compressor required). For a total sampling and purging pump at depth an MP1 pump may be a better option.