

## Portapump-810 peristaltic pump

Specification Sheet 1 (last updated May 2010)



- Self Priming Pump—dry primes up to 5 metres
- Runs dry without damage
- Battery powered—gives over four hours use on single charge
- Supplied with intelligent battery charger—with simple plug in charging (no need to remove battery)
- Robust peristaltic pump fitted with 6.4 bore food grade santoprene tubing
- Up to 900ml per minute flow
- Tolerant to viscous fluids
- Can handle non abrasive solids
- Very compact size—making easy transportation.

The easiest way to place an order or check prices is via our online shop at <http://www.williamson-shop.co.uk> but please contact us for any requirements not listed or to place an order over the phone.

**Williamson Manufacturing Company Ltd**  
The Street, Poynings, West Sussex, BN45 7AQ, United Kingdom.  
Tel +44(0)1273 857752 Fax +44(0)1273 857511 Web [www.wmcpumps.com](http://www.wmcpumps.com)

## Portapump-810 peristaltic pump

Specification Sheet 2 (last updated May 2010)

Now there is a solution to those remote pumping applications that have proven difficult in the past. The Portapump-810 is a low cost, but robust, portable peristaltic pump with an internal Sealed Lead Acid battery which delivers a flow of nearly one litre per minute (with the battery fully charged). The 4.5 Amp hour battery will allow a usage time of over four hours between charges making this pump ideal for remote sampling, machine sterilisation, sump emptying, small volume fluid transfer and almost limitless tasks.

The portapump-810 offers to usual advantages of a peristaltic pump, for example, only the tube contacts the fluid being pumped. The unit is supplied standard with food grade Santoprene tubing which is compatible with a wide range of fluids (customer should check tube compatibility before using), but this can be changed to silicone. Like all peristaltic pumps the Portapump-810 is able to pump viscous and high sg products where other pumps would fail and also are excellent at pumping small, non abrasive solids. But it is the dry suction capability that wins so many friends. The pump will draw fluid from below (up to 5 metres lift) more reliably than any other pump type.

### Specifications:-

Pump:-  
810-282-012-250/3—Peristaltic pump—900ml/min per minute on 12VDC  
Current draw:- 1.6 Amps pumping dry  
Food Grade Santoprene tube—6.4mm ID x 2.4mm Wall  
On/Off switch— toggle switch (down position for ON)  
Charging sockets— red for +12VDC, black for -12VDC  
Enclosure Lid—steel painted black fitted with plastic carry handle  
Enclosure base—Aluminium, silver anodised.  
Size:- 200mm long x 175mm wide x 105mm high  
Weight:- 3kg  
Charging unit:-  
UK domestic plug in  
Red & Black plugs to suit Portapump-810  
Size:- 80mm high x 60mm wide x 55 mm depth (when plugged in)  
Weight:- 490 g

Spare parts are available for the Portapump-810:-

SANT55-6.4x2.4-230—Santoprene pump tube (230mm long)  
SIL-6.4x2.4-230—Santoprene pump tube (230mm long)  
BATT-12V-4.5a/hr—12VDC 4.5Ah battery  
LL30H-CHARGER—110-240V battery charger with connectors

Williamson Manufacturing Company Ltd aim to hold these parts in stock in the UK.

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