

Product Data Sheet

PAGE 1 Ref: L10-R9



Enviroflex L10 Series

One piece maintenance for peace of mind

**TWICE THE HOSE LIFE AND SIGNIFICANT
POWER SAVINGS compared to other Peristaltics***

Highlights

- **TWICE the hose life and significant power savings when compared to other Peristaltic pumps***
- *Ideal for corrosive environments with pump casing options in 304 and 316 stainless steel (Standard casing is carbon steel)*
- *Accurate & controllable flowrate means easy integration with your process requirements*
- *Essentially one wearing part means low maintenance and low spares inventory*
- *Excellent solids/sludge handling with no valves or balls to stick*
- *Self Priming suction lift up to a maximum of 9.5m vertical*
- *Fixed and variable speed options*



Environmental Pumping Solutions Ltd
www.environmentalpumping.co.uk
UK Tel: 0800 0180 007
UK Fax: 0870 8730282
Int'l Tel: +44 (0) 1635 576028
Int'l Fax: +44 (0) 1189 657783

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Another World first from Environmental Pumping Solutions

With our Enviroflex L Series pump you get all the benefits of other peristaltic pumps, with the two key additional benefits of a much slower speed for a given flowrate; and rotating rollers for soft hose compression. These two features greatly increase hose life & reduce power consumption.

The L Series pump displaces typically twice the flowrate of our competitors pump and we achieve this by making our pump larger*. In our design the rollers effective contact with the hose is maximised, producing an increased flow per revolution. This means we can run our pump at about half our competitors speed to produce the same flowrate and hence double the hose life*.

Our pump uses soft action rotating rollers to compress the hose instead of hard fixed shoes. The advantage of our rollers is that they gently rotate as they compress the hose, losing very little power from surface friction. Fixed shoes by stark comparison apply a large contact area, that drags on the hose surface, creating a high level of wear, friction and hence significant power loss.

The L10's design features will provide you with typically **TWICE the expected hose life and significant power savings** when compared to other peristaltic pumps*.

Common Applications

Typical duties include:

- Dosing addition of heavy slurries for building materials industries
- Dosing of spray additives like paint and ink
- Oil spill recovery and leachate decanting
- Radioactive waste decommissioning
- Water sampling and chemical metering
- And of course many others.

If you need a reliable pump that's easy to maintain, clean and simple to operate, then the **Enviroflex L Series is the one for you.**

Just some of our Hose Materials

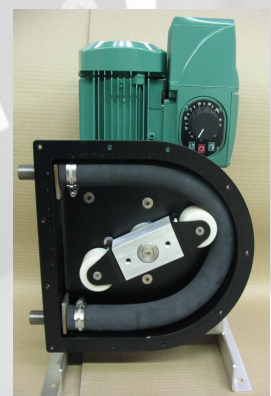
- Butyl
- EPDM
- Hypalon
- Natural Rubber
- Neoprene
- Nitrile Rubber



The L10 pump above, applied in an industrial colour addition application, has been wisely selected for its significant total cost saving.. Compared to the competitor's rubbing shoe, the low friction action from the L10's proven roller design, imparts minimal stretch and heat input to the hose, doubling the hose life and significantly lowering power consumption.

Technical Data L10 Series

Weight: 30kg (Varies with Drive)
Dims: Approx. 335W x 309D x 490H mm
Temperature: Max 70 degrees C
Displacement: 0.05 Litres per rev
Max continuous speed: 70 rpm
Max pressure: 7.5 Barg
Max continuous flowrate: 0 to 210 l/hr
Standard Connections: 1/4" BSP Male



OPTIONS

- FDA Approval on hose material
- Connections
- Hose failure detection
- Variable speed drive
- Trolley or wall mounting
- Global voltages from 12v to 525v
- Exclusive stock program