

700 series

NEW

Perfect process pumping with LoadSure® technology



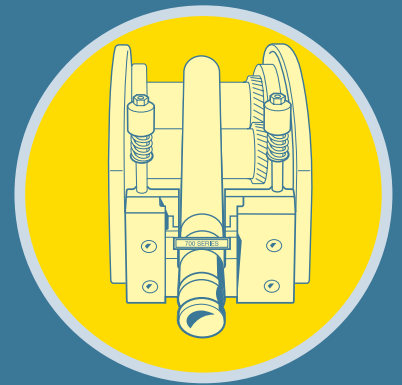
LoadSure peristaltic technology
makes your system more
reliable – and saves you money

More tube life Less downtime More productivity

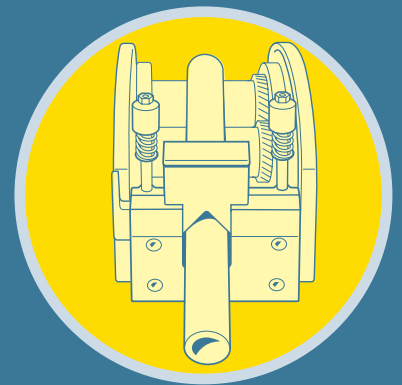
Watson-Marlow Bredel 700 series pumps offer a choice: continuous tube operation or LoadSure industrial elements for accurate loading and maximum uptime. You can even adapt existing continuous tube pumps to the new technology – conversion is just a 10-minute task.

Both versions benefit from the 700 series' unique driven-roller pumpheads which increase tube life and give low-pulse flows to 66 litres/min. They are ideal for industrial processes.

LoadSure technology brings operating cost savings and even greater system security to a pump range renowned for its ruggedness, reliability and trouble-free functionality.



LoadSure



Continuous tubing

NEW 700 series LoadSure technology gives you

- **Greater reliability**

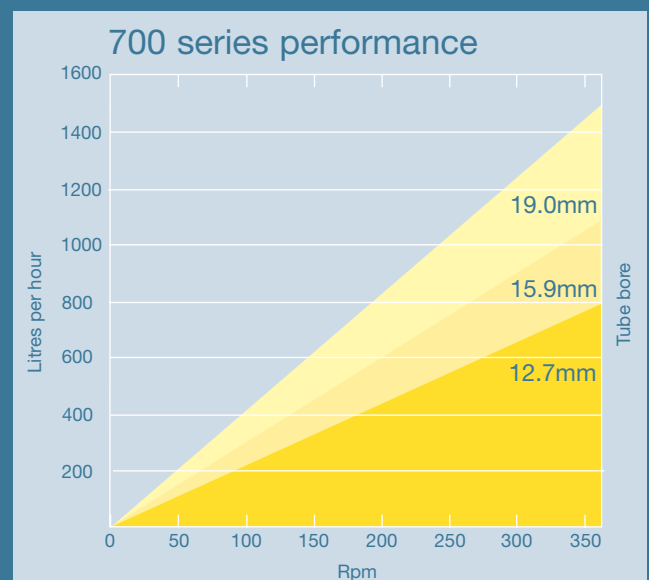
Snap-fit tube loading eliminates operator error. It ensures positive tube location and optimum tube tension, significantly extending tube and service life

- **Quicker changeover**

Tube elements snap straight in. Correct alignment is automatic and the pump is ready for service instantly

- **Easier pump installation**

Quick-release industrial Cam and Groove connections provide a secure, pump-to-system interface



saves you money



1

2

3

- 1 Snap-fit one end of the element
- 2 Repeat for the other end
- 3 Connect up

Unscrew the pivot pin and remove the track. Lift the element out and snap the new one into place – it's easy thanks to the LoadSure positive location system. Refit the track and connect up. That's all there is to it.

Drive options

Choose the drive to suit your needs. Options include cased drives with membrane panel control and digital displays, plus high accuracy speed control. For hazardous areas, there are fixed and variable speed EExd-rated motors and a high-power pneumatic alternative. All are built to the IP55 standard for "washdown" environments.



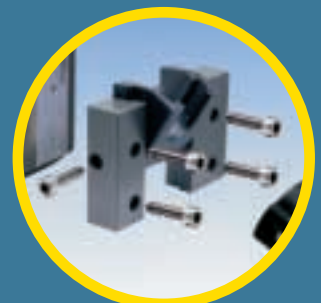
Industrial Cam and Groove connectors ensure a secure, instant seal

Retro-fit

One pump, two pumping options. LoadSure element conversion kits make it easy to switch from continuous tubing to snap-fit elements.

The task can be done in 10 minutes with the pump in-situ.

Benefit from LoadSure technology immediately.



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Pump Series

Put LoadSure® in your process Improve your performance

100	Low flow single channel pumps. Fixed and manual/auto control variable speed. • Flow rates from 1µl/min to 53ml/min	101F/R	
200	Near pulseless, multi-channel cassette pumps with up to 32 channels. • Flow rates from 0.6µl/min to 22ml/min per channel	205S/CA	
300	Compact single or multi-channel laboratory pumps with manual, remote, analogue, RS232 or dispensing control. • Flow rates from 2µl/min to 2200ml/min	323E/D	
400	Ultra compact scientific pumps with up to four channels. • Flow rates from 1µl/min to 610ml/min	401U/D1	
500	Our core range of IP31 and IP66 industrial washdown process pumps. • Flow rates from 10µl/min to 4.4 litre/min	520S/R	
600	IP66 mid-flow process pumps with full clean-in-place and steam-in-place capability. • Flow rates from 50ml/min to 18.3 litre/min	623S/R	
700	IP55 industrial pumps with manual or auto control, single or twin channel. • Flow rates from 1.6 litre/min to 2,000 litre/hr	704S/R	
SPX	High flow high-pressure industrial pumps with direct coupled design. Duplex and CIP available. • Flow rates from 0.3 litre/min to 80m³/hr	SPX40	
OEM	OEM pumpheads for fitting to user's own drives, or with faceplate-mounted motor options. • Flow rates from 0.01µl/min to 33 litre/min	100	
Tubing Hoses	Extensive range of tubing ensures chemical compatibility. USP Class VI and FDA approvals. Precision machined, reinforced hoses provide flow stability and excellent suction performance.	Marprene	

Manual control variable speed single channel pump

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Manual / auto control variable speed single channel pump

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Twin channel baseplate mounted pump

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Fixed speed single channel pump

•

Variable speed ATEX rated pump

•

Pneumatic, baseplate mounted single channel pump



Call now for a demonstration and see for yourself

Phone: 01326 370370

Or you can log on to our website:

www.watson-marlow.co.uk

for further information on our complete peristaltic pump range