

# WATSON-MARLOW PERISTALTIC PUMP

Part number: 500000



## USAGE GUIDE

### FOR THE OPERATION OF THE WATSON-MARLOW PERISTALTIC PUMP

Thank you for choosing QualiTru's sampling application to accurately and representatively sample your milk or other product. Before you get started, here is the information you need to know about the Watson-Marlow pump and representative sampling application.



Open the clamshell. Place the soft section of the tube along the rollers. Close the clamshell over the tube.

### Tips and Tricks for Ease of Start Up and Use:

1. Place the peristaltic pump within 18" of the septum.
2. Place an ice chest or refrigerator within 18" of the pump for the bag to rest in as it fills.
3. Place the peristaltic section of the bag tubing into the clamshell pump roller and close over the tubing.
4. Remove the dust cover from the septum and swab the smooth surface with an approved sanitizing agent.
5. Insert the needle and start the peristaltic pump.

**NOTE:** Be sure the pump speed and roller rotation are set to the predetermined setting to fill a two-liter bag to approximately 1500ml.



*(Watson-Marlow Peristaltic Pump with bag, port, and Septum)*



## Training & Support



QualiTru provides training videos for our products at [qualitru.com/training-demo-videos/](http://qualitru.com/training-demo-videos/), including in-depth training videos for the Watson-Marlow Peristaltic Pump:

- [Inline/Direct Load Sampling System Training Guide Video](#)
- [Pen or String Sampling with a Peristaltic Pump Training Guide Video](#)

These easy to understand and easy to follow videos are an ideal tool for ensuring your employees use the QualiTru systems correctly to assure collecting accurate sampling for testing or quality control.



## HOW TO CALCULATE POWER SETTING BASED ON RUN TIME

$(1,500\text{mL sample (Bag)} / \text{Run time in minutes}) \times 2 = \text{Watson-Marlow power setting}$

This is a rough calculation meant as a guideline; please adjust the rpm based on your specific use case.

**Note:** We sell 2L bags for the WM peristaltic pump, but only recommend filling to 3/4 full ie: 1,500mL.

Sample Size (mL)	Run Time (Min)	Power Setting (RPM)
1500	30	100
1500	60	50
1500	120	25
1500	180	17
1500	240	13
1500	300	10
1500	360	8
1500	420	7
1500	480	6

**Protective Pump Cover**  
Part number: 510000



## WARRANTY & CONTACT INFORMATION

The Watson-Marlow Peristaltic Pump is **NOT** waterproof, but QualiTru does sell a protective pump cover that can help shelter the pump from water sprays.

Watson-Marlow carries a 3-year warranty on their pumps. For warranty claims please contact them directly by calling their phone number, 1-800-282-8823, or visit their website at [www.wmfts.com/en-us/support/product-support/](http://www.wmfts.com/en-us/support/product-support/).



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