

	BIO-PM 4.24 Fisher FS9 Sonicator	
	<i>Document #: 1932</i>	<i>Page 1 of 2</i>
	<i>Revision #: 1</i>	<i>Issued Date: 11/14/2017</i>
	<i>Document Manager: Kristin Schelling</i>	<i>Approved By: Jeffrey Nye</i>

4.24 Fisher FS9 Sonicator

4.24.1 Scope

For ultrasonic cleaning.

4.24.2 Background Information

Owner/Operator Manual for Fisher Ultrasonic Cleaning System.

4.24.3 Operation

4.24.3.1

Plug in unit. Make sure the connection is properly grounded.

4.24.3.2

Pour in enough properly diluted Cleaning Solution to fill tank $\frac{1}{2}$ to $\frac{2}{3}$ full. Add items to be cleaned to Accessory Basket. Make sure the items being cleaned are completely covered. Add more solution if necessary.

4.24.3.3

To activate unit, simply set the timer for the desired number of minutes. The unit will automatically shut itself off after the time is expired.

4.24.3.4

The "Hold" position on the timer allows you to clean past the 30 minute maximum, but also requires you to manually shut off the unit when you are done cleaning.

4.24.3.5

Direct Cleaning (Use of Stainless Steel Accessory Basket): Described above. Extremely contaminated objects may require pre-soaking or pre- or post-hand brushing.

4.24.3.6

Indirect Cleaning Method (when a series of solution baths or a specialized solution which cannot go directly into the tank is required): Fill the stainless steel tank $\frac{1}{2}$ to $\frac{2}{3}$ full with proper cleaning solution or carrier bath. Fill auxiliary pan or beakers with designated cleaning solution(s) to a level just above items to be cleaned. Place auxiliary pan into main tank, resting it on its handles, making sure that the bottom of the auxiliary pan is below the solution level to insure proper soundwave transference. If a beaker or beakers are used, place the beaker in a positioning cover using a beaker band to adjust the depth of the suspension so the beaker bottom is slightly below the surface of the solution in the main tank, but off the bottom.

	BIO-PM 4.24 Fisher FS9 Sonicator	
	Document #: 1932	Page 2 of 2
	Revision #: 1	Issued Date: 11/14/2017
	Document Manager: Kristin Schelling	Approved By: Jeffrey Nye

4.24.3.7

READ THE OWNER'S MANUAL FOR SPECIFIC DO'S, DON'T'S, AND SAFETY WARNINGS BEFORE OPERATION!