



PSM 7 Lab Unit Submersible Media Mill

Premier's PSM 7 Laboratory Submersible Mill is an extremely versatile dispersion system, perfect for small specialty batch production. Offering the highest degree of efficiency and dependability, the submersible mill is specifically engineered to allow mixing and grinding or fine dispersion simultaneously in a single tank. This versatile unit can be applied to a wide range of applications, including: pharmaceuticals, specialty chemicals, personal care and cosmetics. From mixing and dispersing to melting and cooling, this unit provides consistent temperature control from beginning to end. All can be fully accomplished without tank or blade changes, time consuming clean-ups and operator interaction.

Enhance the PSM with our optional "Navigator" monitoring and process control package, and you have a fully customizable, self-optimizing small batch milling system. A system capable of automatically adapting itself to your changing dispersion needs.

Standard Features:

- Stainless steel components with tungsten carbide agitator.
- Adjustable base for alternate tank and batch sizes.
- Suitable for use with Grinding Media as small as 0.8mm.
- Manual tank lift.
- Capacity: 1 1/2 to 5 Gallons.
- Horsepower: 3 HP Mill/ 2 HP Mixers.
- Variable Speed: Electronic Variable Frequency Drive.
- Standard Control Package: digital speed indicators, digital percent load meter, independent speed potentiometer, mushroom emergency stop button, tank limit switch.
- Length/Width/Height: 36" x 30" x 36".
- Weight: 900 lbs.

Benefits:

- One-step processing, easy clean-up and better flow control.
- Batch and tank size flexibility.
- Independently controlled mixers and milling shaft provide:
 - Consistent temperature control
 - Uniform particle size
 - Wider range of product viscosities
- Ideal for emulsifying and processing hard to wet materials. Can make premix directly from most granular or beaded material.

Available Options:

- Navigator Monitoring and Process Control System.
- Vacuum construction.
- Alternate materials.

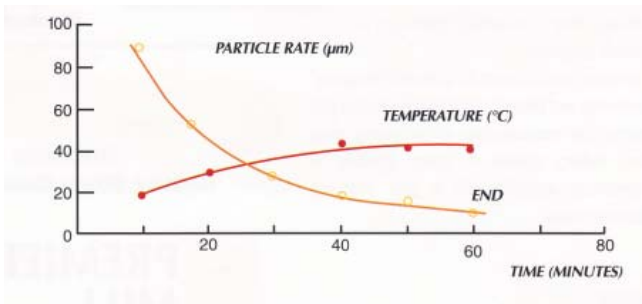


Premier Submersible Mill Models and Specifications

SIZE	Length Inches	Width Inches	Height Lowered Inches	Height Raised Inches	Clearance Inches	Weight Pounds
PSM-7-11	37"	43"	22"	39"	16.7"	900
PSDM-55	57"	46"	64"	105"	47"	1,800
PSM-25-40	61"	30"	59"	72"	31"	2,500
PSM-60-90	65"	30"	60"	85"	38"	3,000
PSM-115-180	72"	31"	67"	93"	41"	4,000
PSM-400-620	92"	40"	84"	124"	62"	4,500
PSM-700-1100	125"	47"	98"	147"	64"	5,000
PSM-2650-4200	155"	60"	145"	215"	99"	11,500

Dimensions and weights are estimated and do not include tank.

Premier Submersible Mill Sample Milling Times



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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.spxpe.com.

SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.