Advanced Large Capacity Stirrers

- **LED Displays for speed and time**
- **Durable, stainless steel construction**
- **Mixes up to 200L**

Talboys Advanced Model 1000 and Model 2000 Large Capacity Stirrers are ideal for high volume applications. The powerful magnetic drive is capable of mixing high viscosity materials. Stainless steel base offers durability and added stability.

Operating Features:

Microprocessor Control: Precisely regulates speed through the entire range. Stirring function, with continuous duty motor and magnet, maintains set speed even under changing load or viscosity.

LED Display: Touch pad controls with easy-to-read, independent LED displays for speed and time. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero.

Safety Features:

Audible Alarm: In timed mode, alarm will sound when time reaches zero.

Speed Ramping Feature: Slowly increases speed for improved safety and enhanced coupling. Avoids splashing, improves spin bar control and provides excellent low speed control.

Operating Conditions:

Units can be run in conditions from 5 to 40°C (41 to 104°F), 20% to 80% relative humidity, non-condensing.

Applications:

Mixing viscous materials, polymers, and pilot scale.

Ordering Information:

Units include a 92" (234cm) detachable, 3-wire cord and plug (230 volt units are supplied with Euro type plug). Model 1000 units are supplied with a 2.75" (7cm) egg shaped PTFE coated stir bar, Model 2000 units are supplied with a 4" (10.2cm) PTFE coated stir bar with a pivot ring. Additional stir bars are available on page 66. **5 year limited warranty on parts and labor.**

Optional NIST Traceable Calibration Certificate provided by Troemner's ISO/IEC 17025 accredited laboratory. Multiple data points within the speed range and time function are reported on the certificate with the associated uncertainties.

986370

Specifications	
Speed Range	100 to 1800rpm (increased in 10 rpm increments)
Speed Stability	± 2%
Timer	1 second to 160 hours
Maximum Capacity (H_2O) Model 1000 Model 2000	 100L 200L
Maximum Weight Capacity	425lbs (193kg)
Top Plate Material	304 stainless steel
Top Plate Dimensions (L x W)	21.25 x 25" (54 x 53.5cm)
Overall Dimensions (L x W x H)	28.5 x 26.75 x 5.25" (72.4 x 68 x 13.3cm)
Ship Weight	71lbs (32.2kg)

Distributed by:
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Description	Emporium item #	Electrical (50/60 Hz)	Part Number
Advanced Model 1000 Large Capacity Stirrer, 100L	23232-120	120V I 1.0 amps I 41 watts	986370
Advanced Model 1000 Large Capacity Stirrer, 100L	23232-230	230V I 0.5 amps I 41 watts	986371
Advanced Model 2000 Large Capacity Stirrer, 200L	23233-120	120V I 1.0 amps I 82 watts	986372
Advanced Model 2000 Large Capacity Stirrer, 200L	23233-230	230V I 0.5 amps I 82 watts	986373
Advanced Model 1000 Large Capacity Stirrer, 100L with NIST Traceable Certificate	23232-120N	120V I 1.0 amps I 41 watts	986370-C
Advanced Model 1000 Large Capacity Stirrer, 100L with NIST Traceable Certificate	23232-230N	230V I 0.5 amps I 41 watts	986371-C
Advanced Model 2000 Large Capacity Stirrer, 200L with NIST Traceable Certificate	23233-120N	120V I 1.0 amps I 82 watts	986372-C
Advanced Model 2000 Large Capacity Stirrer, 200L with NIST Traceable Certificate	23233-230N	230V I 0.5 amps I 82 watts	986373-C