

- Stirs up to 9 vessels at once
- Synchronized and uniform mixing
- Low profile design

Talboys Standard and Advanced Multi-Position Stirrers are powerful magnetic stirrers with precise speed control that offer repeatable performance. Synchronized operation ensures uniform mixing at each position.

Operating Features:

Low Profile Design: Takes up minimal space. Spill-resistant housing channels fluids away from internal components. Cast aluminum base offers durability and added stability.

Glass Filled Nylon Top Plate: Features a chemical resistant, reflective white top plate surface that is easy to clean.

Large Top Plate: Stirs up to 9 vessels at once with helpful position indicators.

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.

Adjustment Knob: Basic speed control knob with dial markings from 1 to 10 (Standard Series).

LED Display: Touch pad controls with easy-to-read, independent LED displays for speed and time. Speed is adjustable in 10rpm increments. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero (Advanced Series).

Safety Features:

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

Audible Alarm: In timed mode, alarm will sound when time reaches zero (Advanced Series).

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:

Dissolution studies, media/reagent preparations, and titration studies.

Ordering Information:

Units include a 92" (234cm) detachable, 3-wire cord and plug (230 volt units are supplied with Euro type plug). Units are also supplied with a 1" (2.5cm) PTFE coated stir bar for each position. Additional stir bars are available on page 74. **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.



Specifications

Speed Range	60 to 1400rpm
Speed Stability	60 to 250rpm +/-5rpm 250 to 1400rpm +/-2%
Timer (Advanced Series)	1 second to 160 hours
Top Plate Material	Glass filled nylon
Top Plate Dimensions (L x W)	12.5 x 11" (31.8 x 27.9cm)
Overall Dimensions (L x W x H)	17 x 11 x 4" (43.2 x 27.9 x 9.7cm)
Ship Weight	14.75lbs (6.7kg)

Standard & Advanced Multi-Position Stirrers

Standard Multi-Position Stirrers

Description	Electrical (50/60 Hz)	Positions	Maximum Capacity H ₂ O*	Maximum Vessel Diameter	Part Number
Standard Multi-Position Stirrer 4	120V 1.3 amps 75 watts	4	1L	5.1" (13cm)	986350
Standard Multi-Position Stirrer 4	230V 0.65 amps 75 watts	4	1L	5.1" (13cm)	986351
Standard Multi-Position Stirrer 5	120V 1.3 amps 75 watts	5	600mL	3.75" (9.5cm)	986354
Standard Multi-Position Stirrer 5	230V 0.65 amps 75 watts	5	600mL	3.75" (9.5cm)	986355
Standard Multi-Position Stirrer 6	120V 1.3 amps 75 watts	6	400mL	3.2" (8cm)	986358
Standard Multi-Position Stirrer 6	230V 0.65 amps 75 watts	6	400mL	3.2" (8cm)	986359
Standard Multi-Position Stirrer 9	120V 1.3 amps 75 watts	9	250mL	3" (7.5cm)	986362
Standard Multi-Position Stirrer 9	230V 0.65 amps 75 watts	9	250mL	3" (7.5cm)	986363

Advanced Multi-Position Stirrers

Description	Electrical (50/60 Hz)	Positions	Maximum Capacity H ₂ O*	Maximum Vessel Diameter	Part Number
Advanced Multi-Position Stirrer 4	120V 1.3 amps 75 watts	4	1L	5.1" (13cm)	986352
Advanced Multi-Position Stirrer 4	230V 0.65 amps 75 watts	4	1L	5.1" (13cm)	986353
Advanced Multi-Position Stirrer 5	120V 1.3 amps 75 watts	5	600mL	3.75" (9.5cm)	986356
Advanced Multi-Position Stirrer 5	230V 0.65 amps 75 watts	5	600mL	3.75" (9.5cm)	986357
Advanced Multi-Position Stirrer 6	120V 1.3 amps 75 watts	6	400mL	3.2" (8cm)	986360
Advanced Multi-Position Stirrer 6	230V 0.65 amps 75 watts	6	400mL	3.2" (8cm)	986361
Advanced Multi-Position Stirrer 9	120V 1.3 amps 75 watts	9	250mL	3" (7.5cm)	986364
Advanced Multi-Position Stirrer 9	230V 0.65 amps 75 watts	9	250mL	3" (7.5cm)	986365
Advanced Multi-Position Stirrer 4 with NIST Traceable Certificate	120V 1.3 amps 75 watts	4	1L	5.1" (13cm)	986352-C
Advanced Multi-Position Stirrer 4 with NIST Traceable Certificate	230V 0.65 amps 75 watts	4	1L	5.1" (13cm)	986353-C
Advanced Multi-Position Stirrer 5 with NIST Traceable Certificate	120V 1.3 amps 75 watts	5	600mL	3.75" (9.5cm)	986356-C
Advanced Multi-Position Stirrer 5 with NIST Traceable Certificate	230V 0.65 amps 75 watts	5	600mL	3.75" (9.5cm)	986357-C
Advanced Multi-Position Stirrer 6 with NIST Traceable Certificate	120V 1.3 amps 75 watts	6	400mL	3.2" (8cm)	986360-C
Advanced Multi-Position Stirrer 6 with NIST Traceable Certificate	230V 0.65 amps 75 watts	6	400mL	3.2" (8cm)	986361-C
Advanced Multi-Position Stirrer 9 with NIST Traceable Certificate	120V 1.3 amps 75 watts	9	250mL	3" (7.5cm)	986364-C
Advanced Multi-Position Stirrer 9 with NIST Traceable Certificate	230V 0.65 amps 75 watts	9	250mL	3" (7.5cm)	986365-C

* Maximum capacity per position