

- Intuitive 4.3" color touch screen
- Programmable for 5 separate, 5-step programs
- Visibly track program progress through live status bar
- On-board help screens
- Electronic tilt adjustments from 0 to 15° while unit is operating
- Includes NIST traceable certificate for speed and time

The Talboys Advanced Touch 1000RS Rocking Shakers are ideal for cell culture work offering a smooth rocking motion and is designed to be used in a variety of environmental conditions.

### Operating Features:

**Low Profile Design:** The low profile design minimizes the unit's footprint on the bench.

**LCD Touch Screen:** Enables faster setting of speed, tilt angle and time which can be viewed at once. Display features on-screen help topics. Touch screen is compatible with rubber gloves used in labs.

**USB:** USB port can transfer data to a flash drive for data logging, program storage, and software updates.

**Program Control:** Program control capabilities allow user programmable operation for automated use and memory. Storage for five separate, 5-step programs, or unlimited number of programs with the use of the USB.

**Pulse Mode Feature:** The unit is equipped with a pulse mode feature ideal for quick rocking.

**Microprocessor Control:** The variable speed microprocessor control provides electronic tilt angle and speed adjustments which allows user to easily adjust rocking angle and speed while unit is operating. Precise speed and tilt angle control provides smooth, low speed rocking motion down to 1rpm. Microprocessor will display last set-point and will restart if power is interrupted (continuous mode).

### Safety Features:

**Overload Protection:** Audible and visual signals will activate when system detects an obstruction or overload of the tray.

**Speed Ramping Feature:** Slowly increases speed to desired set-point to avoid splashing.

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

**Spill-Resistant Design:** Channels fluids away from internal components.

### Operating Conditions:

Units can be run in cold rooms, incubators, and CO<sub>2</sub> environments from -10 to 60°C (14 to 140°F), maximum 80% relative humidity, non-condensing.

### Applications:



980TAOARTSUSC

Cell cultures, hematology, staining and destaining gels, hybridizations, and blotting techniques.

### 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 12.75 x 10" (32.4 x 25.4cm) non-skid rubber mat. **5 year limited warranty on parts and labor.**

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

### Specifications

Speed Range	1 to 50rpm*
Speed Accuracy	± 1rpm
Tilt Angle	0 to 15° *
Timer	1 minute to 99 hours, 59 minutes
Maximum Weight Capacity	10lbs (4.5kg)**
Tray Material	Aluminum
Tray Dimensions (L x W)	12.75 x 10" (32.4 x 25.4cm)
Overall Dimensions (L x W x H)	17 x 11 x 6" (43.2 x 27.9 x 12.7cm)
Ship Weight	15.5lbs (7kg)

\* Maximum speed/tilt angle may vary with heavy or unbalanced loads.

\*\* Centered on tray.

Description	Electrical (50/60 Hz)	Part Number
Advanced Touch 1000RS Rocking Shaker with NIST Traceable Certificate	120V   0.3 amps   22 watts	980TAOARTSUSC
Advanced Touch 1000RS Rocking Shaker with NIST Traceable Certificate	230V   0.3 amps   20 watts	980TAOARTSEUC

## Advanced 1000RS Rocking Shaker



- Electronic tilt adjustment from 0 to 15° while unit is operating
- Displays for speed, tilt angle and time
- Timer with audible alarm

The Talboys Advanced 1000RS Rocking Shaker is ideal for cell culture work and is designed to be used in a variety of environmental conditions.

### Operating Features:

**Low Profile Design:** Takes up less space and easily fits into most hoods and incubators. Cast aluminum base offers durability and added stability.

**Microprocessor Control:** The microprocessor control provides electronic tilt angle adjustment which allows user to easily adjust rocking angle from 0 to 15° while unit is operating. Precise speed control provides smooth, low-speed rocking motion down to 1rpm.

**LED Display:** Touch pad controls with easy-to-read, independent LED displays for speed and tilt angle, and time allow operator to view all settings at once. Provides repeatable and accurate results every time and is easily visible across lab benches. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero. Display will show last used settings, even after power has been turned off.

### Safety Features:

**Overload Protection:** Audible and visual signals will activate when system detects an obstruction or overload of the tray.

**Speed Ramping Feature:** Slowly increases speed to desired set-point to avoid splashing.

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

**Spill-Resistant Design:** Channels fluids away from internal components.

### Operating Conditions:

Unit can be run in cold rooms, incubators, and CO<sub>2</sub> environments from -10 to 60°C (14 to 140°F), maximum 80% relative humidity, non-condensing.

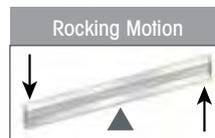
### Applications:

Staining and destaining gels, hybridization procedures, hematology, and blotting techniques.

### 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 12.75 x 10" (32.4 x 25.4cm) non-skid rubber mat. **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	1 to 50rpm*
Speed Accuracy	± 1rpm
Tilt Angle	0 to 15°*
Timer	1 second to 160 hours
Maximum Weight Capacity	10lbs (4.5kg)**
Tray Material	Aluminum
Tray Dimensions (L x W)	12.75 x 10" (32.4 x 25.4cm)
Overall Dimensions (L x W x H)	17 x 11 x 5" (43.2 x 27.9 x 12.7cm)
Ship Weight	15.5lbs (7kg)

\* Maximum speed/tilt angle may vary with heavy or unbalanced loads.

\*\* Centered on tray.

### Description

Advanced 1000RS Rocking Shaker

Advanced 1000RS Rocking Shaker

Advanced 1000RS Rocking Shaker with NIST Traceable Certificate

Advanced 1000RS Rocking Shaker with NIST Traceable Certificate

### Electrical (50/60 Hz)

120V | 5.0 amps | 25 watts

230V | 5.0 amps | 25 watts

120V | 5.0 amps | 25 watts

230V | 5.0 amps | 25 watts

### Part Number

980530

980531

980530-C

980531-C