

## Cryogenic Homogenizing System

- Handheld homogenizer with mortars and pestles
- Increases sample throughput
- System helps preserve sample integrity

The Talboys Cryogenic Homogenizing System combines the ease and speed of a handheld homogenizer and a liquid nitrogen cooled sample to homogenize your sample faster and more efficiently. The cordless, motorized 3.6 volt unit's speed is slower than a typical homogenizer to prevent sample splattering and generation of airborne particles. Compact and versatile design allows homogenizer to be held with a pistol grip.

The mortar and pestle are constructed of a durable porcelain/zirconium composite. The rugged pestle has a stainless steel shaft with a hex bit for quick connection to the motor. Mortar and pestle can be decontaminated between samples by autoclaving, dry heat, or by exposing to a commercial decontaminating solution. The Cryogenic Cooler is a valuable tool for chilling, processing, and transporting samples.

### Applications:

Suspensions, high throughput testing in clinical, environmental, molecular biology, and chemistry labs.

### Ordering Information:

Units include motor unit, tray with six mortar and pestles, Cryogenic Cooler with mesh covered sample reservoir and adsorbent material. **5 year limited warranty on parts and labor.**



Specifications	
Speed Range	200rpm
Sample Size	< 500 mg (100mg optimal)
Dimensions, Overall (W x L x H)	
Homogenizer	6 x 2 x 5.5" (15.2 x 5 x 14cm)
Cryo Cooler	11 x 9 x 11.5" (27.9 x 22.9 x 29.2cm)
Tray	5.5 x 5 x 1.2" (13.9 x 12.7 x 3.0cm)
Ship Weight	11lbs (5.0kg)

Description	Electrical (50/60 Hz)	Part Number
Cryogenic Homogenizing System	120V   1.0 amps   4 watts	930260

### Replacement Accessories

Description	Part Number
Tray with six replacement mortar and pestles	930262
Pestles, set of 6 (replacement)	930263
Mortars, set of 6 (replacement)	930264
Cryogenic Cooler	930259