

High Through Put Tissue Homogenizer

The HT Homogenizer is a very effective tool for the high throughput grinding and disruption of microorganisms, tissues, and matrices. Designed for microwell plates, vial sets, and tubes, the HT Homogenizer is the smallest yet most powerful homogenizer available. The powerful 1600 strokes per minute platform provide energy to grind even seeds, kernels, and bone. Small tissue samples and leaf punches can be homogenized in minutes in 96 well formats for subsequent processing by automated workstations. Larger vials can accommodate up to 15 corn kernels for field trials, making the HT Homogenizer useful for individual and pooled sample preparation.

Benefits

- Small footprint and quiet operation
- Processes samples in microwell plates, deep well plates, microfuge tubes and vial sets
- Dynamic speed range which can be used for homogenization and mixing
- Linear motion assures all sample wells are processed the same
- Most cost effective, linear motion mixer mill/bead beater

Key Features

- Linear, horizontal processing motion which is effective for all samples including flat grasses
- Dynamic speed of 50 to 1600 cycles per minute
- Analog timer for runs up to 10 minutes
- Adjustable lid that allows for deep well plates, vials, and microfuge tubes
- Powerful acceleration that allows for the homogenization of hard samples such as corn kernels, bone, and fibrous tissue



Controls: Dials with digital circuitry

Speed: 50-1600 rpm

Capacity: One deep well plate

Five stacked standard plates

One rack with tubes (5ML)

Maximum height of samples: 2.75 inches

Weight: 70 lbs.

Dimensions: 17 L x 15 W x 15 H

Motion: Linear/Horizontal

