

Cole-Parmer®

HG-400 MiniG®

Tissue and Cell Lyser for Biological Applications

Quick Start Guide

For 115V/230V (04500-08)

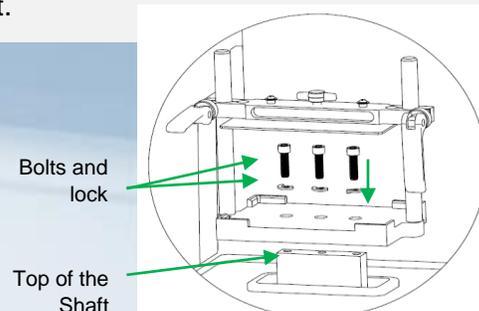
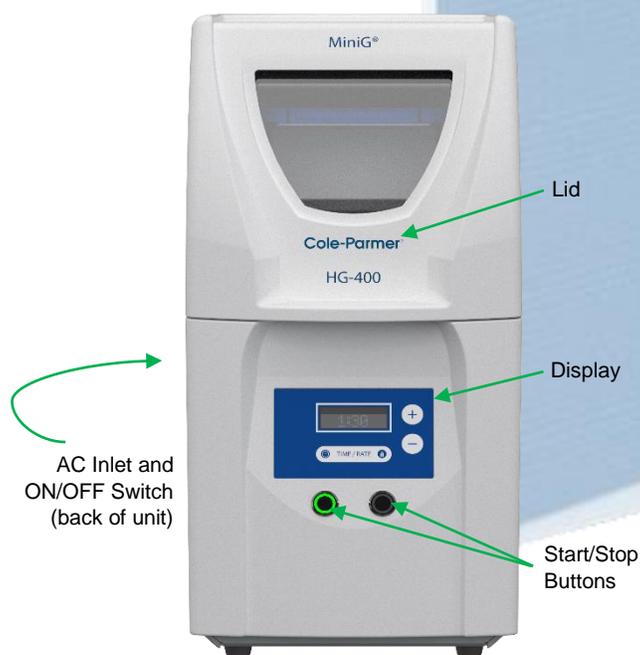


For Product Information

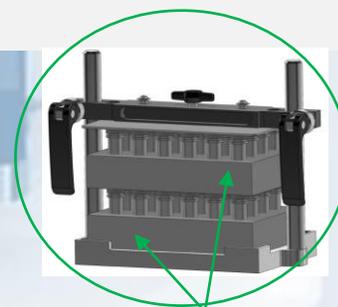
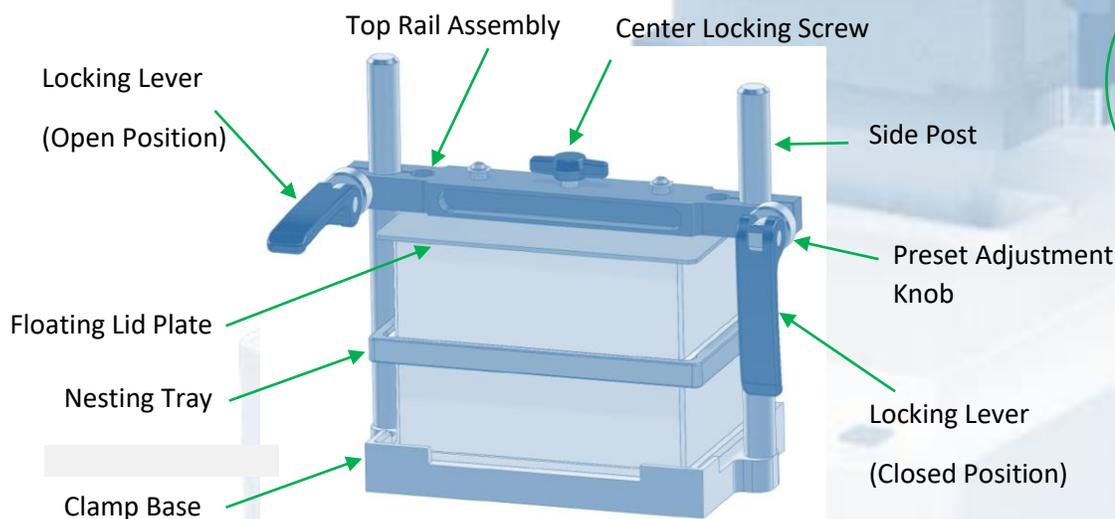
How To Operate HG-400 MiniG®

Set up the MiniG® in a well ventilated, unconfined space. The unit should be operated on a flat, hard, stable benchtop due to the vigorous motion and vibration generated during operation.

To install the clamp, use the 3/16 in Allen wrench (supplied with power cord and manual). Raise lid and attach clamp using the lock washers and bolts to the top of the shaft.



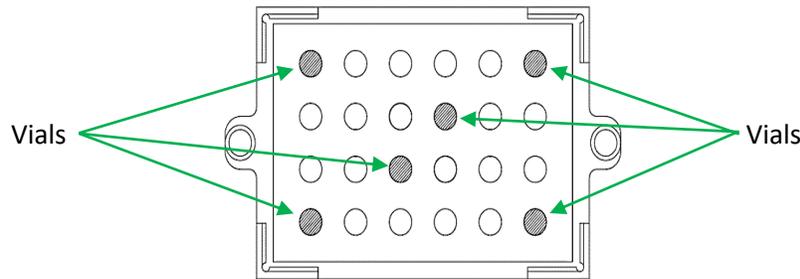
- Step 1.** Connect the powercord to the AC Inlet located at the back of unit. Power On the MiniG®. Upon start-up, Cole-Parmer and MiniG will appear briefly on the display screen followed by run time.
- Step 2.** Load samples into the clamp (titer plates or vials). When using two titer plates, place the nesting tray between them. If using vials (2 ml or 5 ml), two holders can be stacked to maximize throughput.
- Step 3.** Slide the clamp lid onto the posts with the locking levers in upright position, and press down firmly.
- Step 4.** Push down the locking levers to secure samples in clamp. Tighten the center locking screw until finger tight.



2 ml Vials
(2 holders stacked)

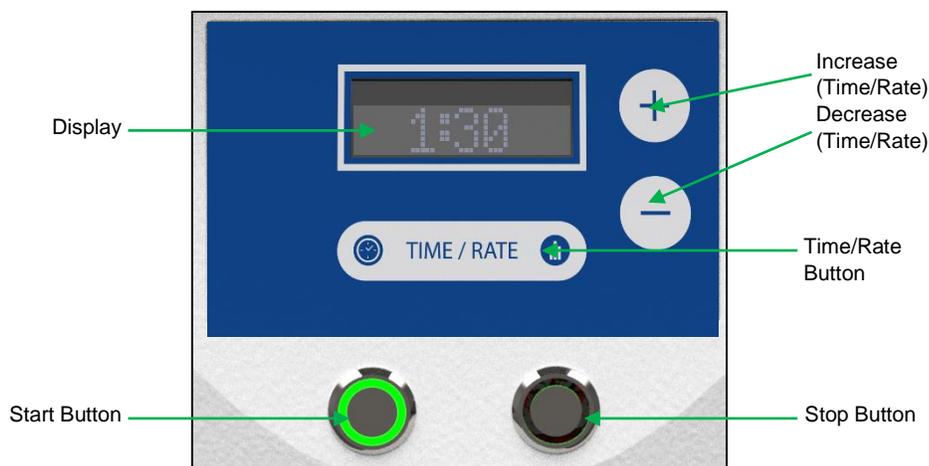
Changing the Run Parameters

Important- It is critical that the clamp lid is supported by at least six vials, one at each corner and two in the center. Empty vials can be used as place holders if few samples are run.



NOTE: *Never run the MiniG® with the clamp lid unlocked or not properly secured. Damage and leakage will result.*

- Step 5.** To set the run time, press the Plus button (+) to increase the run time in 5 second increments or press the Minus button (-) to decrease the run time in 5 second increments. Maximum run time is 10 minutes.
- Step 6.** To set the rate, press the Time/Rate button to display the speed. Then press the Plus button (+) to increase the rate in 25 rpm increments or press the Minus button (-) to decrease the rate in 25 rpm increments. Minimum speed is 500 rpm; Maximum speed is 1500 rpm.
- Step 7.** Press the green START button (left) to start unit. The MiniG® will stop automatically at the end of a run. A run can be interrupted by pressing the STOP button (right). This will stop the operation and reset the timer.



Our Application Specialists at Cole-Parmer are here to help with advice on accessories and grinding protocols.

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