

## SpectroMill® Ball Pestle Impact Grinders

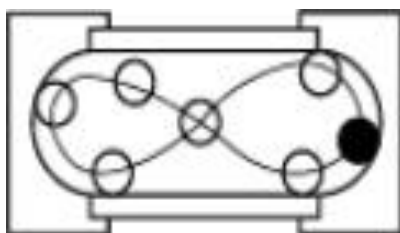


### Highlights

- Uniform particle size reduction
- Homogeneous powder blending
- Process single or multiple samples at same time
- Programmable count-down timer with LCD display
- Small counter top size
- Quiet operation
- Audible cycle completion alarm



SpectroMill® Ball Pestle Impact Grinders operate on the principle of propelling one or more ball pestles together with a sample substance from one end of a SpectroVia® to the opposite end in a rotary "figure-8" path of travel configuration. The motion is energetic and rapid.



The sample is crushed by the ball pestle and "milled" as the ball pestle is guided across the concaved interior ends of the vial to repeat the cycle on the opposite end. The comminution and blending processes are controlled by type of sample substance, quantity, time, hardness of the vial and number of ball pestles.

SpectroMill® machines incorporate "well-balanced" engineering that permits high degrees of stability for counter top operation. A programmable digital electronic timer controls processing time with a LED display and audible alarm indicating cycle completion.

Two SpectroMill® versions are available. SpectroMill-I has a single variable vial clamping mechanism that can accommodate one sample or several with a SpectroVial® Single and Multi-Vial Adapter. SpectroMill-II has two variable vial clamping mechanisms for handling similar or dissimilar types of samples. Use of a SpectroVial® Adaptor extends the number of samples.

® SpectroMill, SpectroVial and Chemplex are registered trademarks of Chemplex Industries, Inc.