



Mixing and  
Blending



Grinding and  
Pulverizing



# ENHANCE YOUR QuEChERS METHOD



CE

The 1600 MiniG® is designed to effectively homogenize samples for food analysis. It is the ideal tool for QuEChERS and the SweEt method and offers higher throughput than handshaking alone.

## TYPICAL SAMPLES

Plant and Animal Tissue, Fruit and Vegetables.

## FEATURES

- » Higher throughput — agitates up to six samples simultaneously vs two by hand.
- » Increased recovery of pesticide residue in fruits and vegetables. The vigorous clamp movement results in thorough extraction.
- » No variation in agitation process ensures equal conditions for all samples, which cannot be guaranteed when samples are prepared manually.
- » Versatile—Accommodates a variety of tube sizes and shapes.



# Simple, Safe & Effective Solution for QuEChERS



## SPECIFICATIONS

1. Safety interlock prevents unit from operating when lid is open. Window allows analyst to view samples during operation.
2. Vertical clamp movement ensures thorough analyte extraction.
3. Clamp holds 6 x 50 mL vials or 12 x 15 mL vials. Flexible clamp also holds two titer plates, 24 x 2 mL or 24 x 5 mL vials when stacked.
4. Spill tray for easy cleanup.
5. Digital timer display with adjustable operating time.
6. Compact, powerful motor agitates samples from 500 - 1500 rpm.



## ACCESSORIES

### Ceramic Grinding Cylinders

These ceramic grinding cylinders can be used with standard 50 mL centrifuge tubes. The angle-cut ends help the cylinders to shear the sample matrix during processing that results in thorough extraction of analyte into the solvent. Typically, two cylinders are used per sample vial. Available in three sizes.

### SPEX CertiPrep QuEChERS Kits

SPEX CertiPrep provides a complete solution to all your QuEChERS needs from a comprehensive set of Internal Standards for the QuEChERS analytical techniques (GC, GCMS, LCMS) to a catalog of over 4000 analytes that can be purchased as single components or mixes. Our customers can design their own custom standards with customizable kits that contain the materials necessary to take your samples all the way through the analytical process from preparation to testing.

For more information call 1-800-LAB-SPEX or visit [www.spexcertiprep.com](http://www.spexcertiprep.com).



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