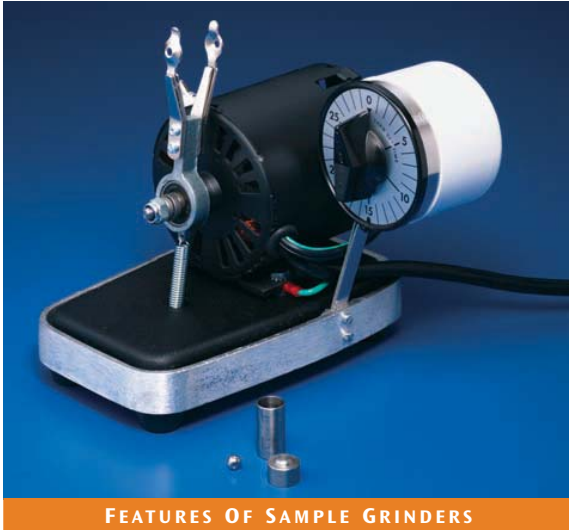


Beijing Byrd Hengyue Science & Trading Co., Ltd.

Room 13 west building No.1 Yard Saoziying
Haidian Dist. Beijing China(100091)
Tel:86-010-62883589 62869761
Fax:86-010-62871930
E-mail:great77dream@yahoo.com.cn

Sample Grinders **BHY-MIXER** For Optimized Sample Mixing



FEATURES OF SAMPLE GRINDERS

- Produces finely powdered mix of sample and diluent – ideal for clear pellets and excellent diffuse reflectance spectra
- Minimizes exposure of sample to atmospheric moisture – a chief cause of cloudy pellets

The WIG-L-BUG accessories provide a fast, simple and inexpensive method of mixing and grinding samples for diffuse reflectance sampling and in preparation for making KBr pellets.

A small amount of sample and the IR transparent diluent (typically KBr) are simply scooped into a vial with mixing ball. The Wig-L-Bug typically thoroughly mixes and pulverizes the sample within seconds.

The reciprocating motion of the vial holder follows a figure 6.5° “8” path. The vial is swung through a 6.5° arc at 3200 RPM, causing the ball to strike the end of the vial at over 100 Hz, which is sufficient to grind most materials into a powder.

The Heavy-Duty Wig-L-Bug (on the left) can be set for up to thirty minute runs and this unit is recommended for grinding hard and difficult samples. Stainless steel vials are always recommended for hard materials.

The Laboratory Wig-L-Bug (on the right) has a sixty second timer and is adequate for most standard applications.



BHY-MIXER

ORDERING INFORMATION

Sample Grinders

PART NUMBER	DESCRIPTION
161-1050	Heavy Duty Wig-L-Bug <i>Includes: Adapter for 1" vials, but does not include sample vials – see below</i>
161-1060	Laboratory Wig-L-Bug <i>Includes: Adapter for 1" vials, but does not include sample vials – see below</i>

Sample Grinder Vials (required)

PART NUMBER	DESCRIPTION
161-1035	Stainless Steel Vial with Ball, 1" long x 0.5"
161-1031	Adapter for Agate Vials
161-1032	Agate Vial with Agate Ball, 15/16" long x 5/8"
161-1043	Polystyrene Vials with Cap, 2" long x 0.5" (100 each)
161-1040	Plexiglas Ball, 3/8" diameter

Notes: The Agate Vial requires the special Adapter for Agate Vial.

Options and Replacement Parts for Sample Grinders

PART NUMBER	DESCRIPTION
161-1042	Adapter for 1" long x 0.5" vials
161-1052	Replacement Long Arm
161-1053	Replacement Short Arm
655-0022	Transformer for 220V Operation
161-1049	Adapter for 2" long x 0.5" vials
161-1037	Spare Stainless Steel Ball
160-8010	KBr Powder, 100 g

Notes: Replacement Long and Short arms fit Heavy Duty and Laboratory Wig-L-Bugs. For other options for Sample Grinders, please contact PIKE Technologies.

北京博德恒悦科贸有限公司

地 址: 北京市海淀区骚子营 1 号院西楼 13 室, 100091
电 话: 010-62883589 62869761 传 真: 010-62871930
联系人: 孟德强 邮 箱: great77dream@yahoo.com.cn