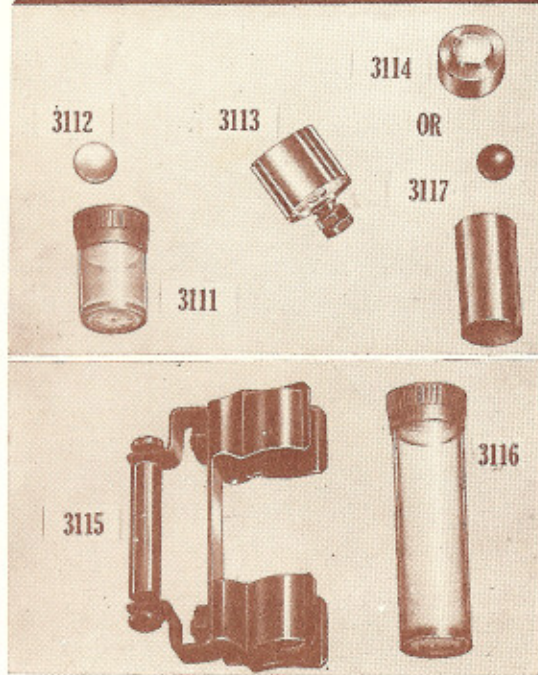


The Crescent
WIG-L-BUG
(Patented)



WONDER ELECTRIC MORTAR
INVALUABLE TO
SPECTROSCOPISTS

**INFRA-RED
EMISSION
X-RAY**

- FASTER
- CHEAPER
- SIMPLER
- BETTER

MIXING and GRINDING

- FORGET** tendency to cake, differences in hardness
- IMPROVE REPRODUCIBILITY** mixing and grinding are identical from sample to sample
- AVOID CONTAMINATION** plastic vials, caps, and ball pestles cannot introduce metallic impurities
- REDUCE EFFORT** entire assembly easily cleaned with mineral acids
- SAVE TIME** 10 seconds are sufficient for most samples
- SAVE SPACE** one vial used for weighing, mixing, and storing
- SAVE MONEY** per sample cost is 4.2¢—less than the cost of an ordinary container alone

With these new plastic and metal mixing vials, the WIG-L-BUG is an indispensable tool in YOUR LABORATORY. The plastic vials are recommended for mixing powders or preparing mulls with mineral oil. For hard materials requiring grinding action use our metal vials, in which coarse sand can be ground to face powder consistency in one minute.

The action of the Wig-L-Bug is reciprocating in the form of a figure-8. Swung through a 6-1/2° arc at 3200 RPM, the ball pestle thus strikes the ends of the vial some 2000 times in ten seconds.

SPEX Industries, Inc. 80-56 230th Street, Queens Village 27, New York

SPEX MAKES SPECTROSCOPY EASIER

WIG-L-BUG

EMISSION SPECTROGRAPHIC ANALYSIS

"Saves us 70 minutes per plate in the preparation of our diesel crankcase oil ash samples."

X-RAY DIFFRACTION

"The best scheme we have found for pulverizing asbestos fibres."

X-RAY SPECTROSCOPY

"Ideal for diluting samples to bring intensity levels down to optimum values."

INFRA-RED SPECTROSCOPY

"Perfect system for grinding our samples with KBr."

"We obtained far superior band structure after mulling samples for two minutes with mineral oil in the Wig-L-Bug than 20 minutes by hand."

Such are the enthusiastic comments on the Wig-L-Bug a short time after we introduced accessories tailored for the spectroscopy and diffraction laboratories.

Price List

BASIC INSTRUMENT

3110B	Wig-L-Bug, black housing, 115 volts, 50-60 cy., with 3113 vial adapter	\$55.00
3110W	Wig-L-Bug, ivory housing, 115 volts, 50-60 cy., with 3113 vial adapter	60.00
3120B	Wig-L-Bug, black housing, 110 volts, dc, with 3113 vial adapter	60.00
3120W	Wig-L-Bug, ivory housing, 110 volts, dc, with 3113 vial adapter	65.00
3130B	Wig-L-Bug, black housing, 220 volts, 50 cy., with 3113 vial adapter	60.00
3130W	Wig-L-Bug, ivory housing, 220 volts, 50 cy., with 3113 vial adapter	65.00

PLASTIC ACCESSORIES (where traces of metallic contaminants must be avoided; mulling with mineral oil, etc.)

3113	Adapter for 1/2" dia. x 1" long vials	Each \$ 4.00
3111	Vial, 1/2" dia. x 1" long, polystyrene with polyethylene slip-on cap	
	per 100	3.80
	per 1000	30.00
3112	Ball-pestle, clear plexiglas, 3/8" dia.	
	per 100	1.80
	per 1000	12.00
3115	Adapter for 1/2" dia. x 2" long vials	Each 9.00
3116	Vial, 1/2" dia. x 2" long, polystyrene with polyethylene slip-on cap	
	per 100	5.00
	per 1000	40.00

METAL ACCESSORIES (where grinding plus mixing are required, especially for hard materials)

3113	Adapter for 1/2" dia. x 1" long vials	Each . 4.00
3114	Vial, stainless steel 1/2" dia. x 1" long with stainless steel ball-pestle 1/4" dia.	Each 6.50
3117	Vial, tool steel (hardened) 1/2" dia. x 1" long with hardened steel ball-pestle 1/4" dia.	Each 6.50

Note: The 1/2" dia. x 1" long vials can handle a maximum of 1.0 ml.

The 1/2" dia. x 2" long vials can handle a maximum of 2.5 ml.