



SP-245

GILSON ACCU-MAX SPINNING RIFFLER

ASTM D2013

Gilson's Accu-Max Spinning Riffler scales up precision dividing and sample preparation for large bulk samples. Aggregates, coal, or ores with particle topsize to 2in (50.8mm) are quickly and accurately split to 1/8 or 1/4 fractions with less handling and risk of sample loss. The unit works equally well for finer granular materials or powders with large volumes. Samples that do not flow well through fixed chute type gravity splitters process more effectively with the Accu-Max vibratory feeder. The high power vibratory feeder enhances accuracy, efficiency, and improves sample flow. All contact parts are stainless steel for long service life and low contamination.

Total capacity of the hopper is 1.8ft³ (51L). Feed rate through the 6.5in (165mm) wide hopper discharge is controlled by a sliding gate that adjusts for openings from 0 to 4in (0 to 102mm) and by power settings of the variable-amplitude vibratory feeder. Adjustable

angle of the vibratory feeder and feed trough assembly assures a constant, controlled flow of material. Eight precise sample fractions are divided into special stainless steel collection pans rotating at a constant 14rpm (12rpm at 50Hz) on the turntable. A precision 1/3hp gear motor assembly drives the turntable and the 0.32ft³ (9L) collection pans lock together with unique overlapping cutting edges to prevent loss of fines. Lifting bars in the pans are positioned for easy and convenient handling.

Working components are mounted in a durable, painted steel frame. Eight Collection Pans for 1/8 fractions are included. Additional pans are available: SPA-30 for 1/8 fractions or SPA-31 double-sized pans for 1/4 fractions. Units ordered with "F" model number suffix operate on 230V, 50Hz and are shipped without an electrical plug. **Product Dimensions:** 50x35x58in (1,270x890x1,473mm), WxDxH.

Gilson Accu-Max Spinning Riffler

Accu-Max Spinning Riffler, 115V, 60Hz
230V, 50Hz

SP-245
SP-245F

Accessories

Collection Pan, 1/8 Fraction
Collection Pan, 1/4 Fraction

SPA-30
SPA-31



SP-48R shown with SC-108 Sample Jars

GILSON MIXING WHEEL

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Proper sample preparation for materials such as coal or ores requires careful and thorough mixing to assure consistent and accurate results. Gilson offers floor-mounted Mixing Wheels for a wide range of sample quantities.

SP-48R Mixing Wheel is floor mounted and has ten large 0.5gal (2L) sample containers which rotate at a 45° angle from 0-25rpm. Numbered sample stations secure sample jars with spring-loaded clamping. SC-108 wide-mouth polyethylene sample jars with screw-top lids are 4.7x9.4in (119x239mm), dia.xH and ordered separately in cases of 12. The wheel is mounted on a rugged, welded steel heavy-duty painted floor stand. When permissible, SPA-64 Jack Rocks may be added to speed the mixing process. Standard models operate on 115V, 60Hz power. Units ordered with "F" model number suffix operate on 230V, 50Hz and are shipped without an electrical plug. **Product Dimensions:** 48x40x50in (1,220x1,020x1,270mm), WxDxH.

Gilson Mixing Wheel

Mixing Wheel, 115V, 60Hz	SP-48R
230V, 50Hz	SP-48RF

Accessories

Sample Jar for SP-48R, 0.5gal (2L), case/12	SC-108
Jack Rocks, case/500	SPA-64



Product Videos. Watch product videos at globalgilson.com