



Gilson Universal Sample Splitters

At home in the lab or in the field, Gilson Universal Sample Splitters feature a patented combination of adjustable chutes and a gate release hopper to ensure accuracy for mixing and reducing gross samples to representative smaller test quantities. See chart below for specifications.

Capacity Hopper/Pans in³/ft³ (liters)	Chute Bar Width	Chute Bar Number of	Chute Slope	Dimensions L x W x H inches (mm)	Gilson Model	Model	Pans Replacements
125 in³ (2.0)	1/8"	48	60°	9-1/2 x 8-1/2 x 13-1/2 (165 x 715 x 981)	SP-3	H-4291	H-4291.1
.28 ft³ (7.9)	1/4"	48	60°	15-1/2 x 12-1/2 x 17-1/2 (165 x 715 x 981)	SP-2.5	H-4290	H-4290.1
0.55 ft³ (15.6)	1/2"	36	45°	22 x 14-1/2 x 20-1/2 (165 x 715 x 981)	SP-2	H-4289	H-4289.1
1.0 ft³ (28.3)	1/2"	48	45°	29 x 19 x 39 (165 x 715 x 981)	SP-1	H-4288	H-4288.2
1.0 ft³ (28.3)	1/2"	48	60°	29 x 19 x 39 (165 x 715 x 981)	SP-10	H-4293	H-4288.2

Wheels (set of 2) are available (rubber tires w/ ball bearing races) for above sample splitters, H-4288.1

Mini-Splitter— H-4291

The smallest of the bench-top units is all stainless steel except for aluminum chute bars and pans. Can be used to split powders to 1/4" (6.4mm) aggregate. The H-4289.5 Dust Enclosure accessory consists of two stainless steel panels held to front and back of the unit by springs. Includes 2 pans.

Mini-Splitter Dust Enclosure— H-4291.5

Versa-Splitter— H-4290

The Versa-Splitter can be used for fine aggregates up to 3/4" aggregate. Contact parts and pans are stainless steel except for aluminum chute bars, which are anodized for corrosion resistance. The H-4290.5 Dust Enclosure accessory consists of two stainless steel panels held to front and back of the unit by springs. Includes 2 pans.

Versa-Splitter Dust Enclosure— H-4290.5

Porta-Splitter— H-4289

The Porta-Splitter is designed to split most fine gravel and sand. Lightweight with a large hopper capacity, this splitter provides extreme durability in a portable model. Chute slope is 45°, but a 60° adapter kit is available. Includes 2 pans.

60° Adapter Kit— H-4290.4

Universal Splitter— H-4288

Rugged, large-capacity floor model for field or lab use. Features adjustable chutes and gate release 1 ft³ hopper. Includes 2 pans.

Wheel Kit (set of 2)— H-4288.1

Bag Loading Chute— H-4288.3

60° Adapter Kit— H-4288.4

Total Enclosure Upgrade—H-4288.7

Totally Enclosed Splitter— H-4293

A totally enclosed version of the H-4288 Universal Splitter. Hinged doors provide access to hopper and pans while keeping dust to a minimum.

Chute Settings—Width and Number of Chutes

Chute Width	Number of Chutes (openings)					
	H-4291	H-4290	H-4289	H-4288	H-4293	
1/8" (3.2mm)	48	—	—	—	—	—
1/4" (6.4mm)	24	48	—	—	—	—
3/8" (9.5mm)	16	—	—	—	—	—
1/2" (12.7mm)	12	24	36	48	48	—
3/4" (19.1mm)	8	16	—	—	—	—
1" (25.4mm)	6	12	18	24	24	—
1-1/2" (38.1mm)	4	8	12	16	16	—
2" (51mm)	—	6	—	12	12	—
3" (76mm)	—	4	6	8	8	—
4" (102mm)	—	—	—	6	6	—
6" (152mm)	—	—	—	4	4	—