

VIBROGEN CELL MILL



Vibrogen Cell Mill VI 6

Vibratory homogenizer for the dissolution of samples according to the ball mill principle. For the disintegration of cells, cell suspensions, or for defined comminution of particles into powder.

Speed: 4.500 rpm fix
Frequency: 75 Hz (constant)
Beakers: 15 - 200 ml
Cooling: with dry ice or cooling water flow through the beaker support

Basic Equipment:

Basic device incl. beaker support, without accessories

No. 6055 000

Accessories:

Beaker, stainless steel - Size 15 ml	No. 0001 058
Beaker, stainless steel - Size 50 ml	No. 0001 059
Beaker, stainless steel - Size 100 ml	No. 0001 060
Beaker, stainless steel - Size 200 ml	No. 0001 061
Beaker, stainless steel - Size 4 x 15 ml	No. 0050 324
Beaker, PVDF - Size 15 ml	No. 0002 708
Beaker, PVDF - Size 50 ml	No. 0002 707
Beaker, PVDF - Size 100 ml	No. 0002 706
Glass balls (PbO free) - Size 0,1 mm.....	No. 0001 063
Glass balls (PbO free) - Size 0,3 mm.....	No. 0001 065
Glass balls (PbO free) - Size 0,5 mm	No. 0001 066
Glass balls (PbO free) - Size 1,0 mm	No. 0001 067

(1 kg each in plastic bottle)

Technical Data:

Speed: 4500 rpm fix
 Frequency: 75 Hz (constant)
 Electrical supply: 230 V, 50/60 Hz- 115 V version on request
 Dimensions (wxdxh): 485 x 340 x 370 mm
 Weight: 45 kg

HOMOGENIZER



Homogenizer HO 4/A

Mechanical crushing of samples with wing knives at very high speed - dry or in suspension. Well suited for greasy/brittle, moist/fibrous as well as hard/brittle substances up to Mohs' hardness of 5.

Speed range: 1.500 to 35.000 rpm
Timer: adjustable between 0 to 100 sec, min, or h
Sample vessels: Duran glass 10 - 150 ml
Cooling: with dry ice or cooling water flow through the protection beaker

Basic Equipment:

Basic device incl. protection beaker with safety lock; 2 open-end wrenches for fastening the accessories.

No. 3301 000

Accessories:

Spindle, stainless steel - Size 10 ml	No. 0051 949
Knife, stainless steel - Size 10 ml	No. 0002 983
Sample vessels, Duran - Size 10 ml	No. 0001 488
Spindle, stainless steel - Size 25 - 150 ml	No. 0051 911
Knife, stainless steel - Size 25 ml	No. 0002 984
Knife, stainless steel - Size 50 ml	No. 0002 985
Knife, stainless steel - Size 100 ml	No. 0002 986
Knife, stainless steel - Size 150 ml	No. 0002 987
Sample vessel, Duran - Size 25 ml	No. 0001 489
Sample vessel, Duran - Size 50 ml	No. 0001 490
Sample vessel, Duran - Size 100 ml	No. 0001 491
Sample vessel, Duran - Size 150 ml	No. 0001 492

Spindle, knife and sample vessel must be matched in size.

Technical Data:

Speed range: 1500 to 35000 rpm, steplessly adjustable
 Electrical supply: 230 V, 50/60 Hz- 115 V version on request
 Dimensions (wxdxh): 310 x 350 x 600 mm
 Weight: 18 kg