



Overhead Mixers

- Mixer motors, support stands, and mixing paddles, sold separately

Digital speed display with speed and torque abilities for a wide range of volumes and viscosities. Compact units are ideal for fume hoods or enclosed work stations. Mix reactions, samples, dissolutions, and dilutions. 38C831 has a countdown timer. Mixes reactions, pharmaceuticals, and suspensions. 38C834 mixes emulsions and serves as an alternative to a homogenizer. 38C833 mixes creams, lotions, and personal care products. 38C832 mixes tars, gravel, polymers, and adhesives.



38C830

Special Features	Operating Speed	Mfr. Model	Item No.
Overhead Mixers			
Digital, Ultra Compact	50 to 2500 rpm	BDC250	38C828
Compact	40 to 2002 rpm	BDC2002	38C830
Counterclockwise Agitation, Reverse Mixing	40 to 2010 rpm	BDC2010	38C831
High Speed	40 to 6000 rpm	BDC6015	38C834
High Torque	20 to 3000 rpm	BDC3030	38C833
High Torque	12 to 1800 rpm	BDC1850	38C832



Homogenizers

- 120V
- For additional generator probes, go to Grainger.com

12F197 can process tissue or small samples in various tube sizes or small beakers. 144W, high-torque motor has variable-speed adjustment with a slide switch speed control to homogenize samples in seconds. All packages include the 12F197 Homogenizer plus probes.

12F197



Description	Speed Range	Volume Range	Includes	Mfr. Model	Item No.
Bio-Gen PRO200 Hand-Held Homogenizer	5,000 to 35,000 rpm	0.03 mL to 1 L	Instruction Manual, Tool Kit, Variable Speed Motor	01-01200	12F197
Homogenizing Package, Standard Universal	5,000 to 33,000 rpm	0.03 mL to 10 mL	10 mm X 115 mm Saw-Tooth Probe, 7 mm X 95 mm Saw-Tooth Probe	PK-01200UHS	39J347
Homogenizing Package, Deluxe Universal	5,000 to 35,000 rpm	0.03 mL to 50 mL	10 mm X 115 mm Saw-Tooth Probe, 7 mm X 95 mm Saw-Tooth Probe, Pro200 Stand Assembly	PK-01200UHD	39J349
Micro-Homogenizing Package, Standard	5,000 to 35,000 rpm	0.03 mL to 10 mL	5 mm X 75 mm Probe	PK-01200S	39J326
Micro-Homogenizing Package, Deluxe	5,000 to 35,000 rpm	0.03 mL to 10 mL	5 mm X 75 mm Probe, 7 mm X 95 mm Saw-Tooth Probe	PK-01200D	39J333
Micro-Homogenizing Package, Premium	5,000 to 35,000 rpm	0.03 mL to 10 mL	5 mm X 75 mm Probe, 7 mm X 95 mm Saw-Tooth Probe, Pro200 Stand Assembly	PK-01200P	39J327

LP
52TA14No Tip, Natural
52TA17

Bunsen Burners

Next Gen Burners feature an easy-to-carry finger handle, allowing you to carry a hot burner with ease and safety. Expanded base prevents easy tipping, even with hoses connected. Spaced feet so burner can fit comfortably under stand.

Fuel Type	Type	Btu Output	Outside Dia.	Overall H	Mfr. Model	Item No.
Bunsen Burners						
LP	Meker	2000 to 3200	42 mm	8 1/2 in	CH0098E	52TA14
	Micro	2000 to 3200	11 mm	3 1/2 in	CH0093C	52TA10
	Tirrill	2000 to 3200	13 mm	6 in	CH0095A	52TA12
	Basic	800 to 1200	11 mm	6 in	CH0088D	52TA07
Natural	Meker	800 to 1200	42 mm	8 1/2 in	CH0098F	52TA15
	Micro	800 to 1200	11 mm	3 1/2 in	CH0093E	52TA11
	Tirrill	800 to 1200	13 mm	6 in	CH0095B	52TA13
Next Gen No Tip Bunsen Burners						
LP	Basic	2000 to 3200	11 mm	6 in	CH0091LP	52TA16
	Gas Adjustable	2000 to 3200	11 mm	6 in	CH0093LP	52TA20
	Meker	2000 to 3200	42 mm	9 in	CH0096LP	52TA25
	Micro	2000 to 3200	11 mm	3 1/2 in	CH0094LP	52TA21
	Tirrill	2000 to 3200	13 mm	6 in	CH0095LP	52TA23
Natural	Basic	800 to 1200	11 mm	6 in	CH0091NG	52TA17
	Flame Stabilizer	800 to 1200	11 mm	6 in	CH0092NG	52TA19
	Micro	800 to 1200	11 mm	3 1/2 in	CH0094NG	52TA22



49DJ66

Consistometers

- 30 to 30,000 cP viscosity range
- Ambient test temperature

Use these instruments to accurately check laboratory or production samples against consistency, viscosity or flow rate standards. Made of 316 food grade stainless steel engraved with a series of precise graduations at 0.5 cm intervals. Equipped with two leveling screws and a spirit level for accurate set up. Spring-loaded gates prevent premature flowing of samples and are portable and easy to clean.



Description	H	W	L	Mfr. Model	Item No.
Consistometer, Standard Length	139 mm	51.7 mm	355 mm	ZXCON-CON1	49DJ66
Consistometer, Extended Length	139 mm	51.7 mm	415 mm	ZXCON-CON3	49DJ67