



2M Continuous Lab Mixer for Food Applications

Highly scalable and easy to use, Oakes bench-top lab equipment features all the benefits of our full scale production equipment. Homogenous mixing, precision specific gravity control, simple maintenance and uniform air incorporation make the 2" an integral part of R&D.

All Oakes Mixers are custom built and may be supplied in many configurations to suit your specific application requirements.



shown: 2MBTIA with optional cart

Model 2MBTIA Standard Features:

- Dimensions: 18"x28"x32"h
- Power: 230V, 1PH, 60HZ
- Weight 200lbs
- 10-80#/hr at .6 specific gravity
- 10-120#/hr at 1.0 specific gravity
- 316 Stainless Steel Mixing Head
- SST Rotary Positive Displacement Pump
- 1HP AC Rotor Motor/VFD w/HIM
- 1/2 HP AC Pump Motor/VFD
- Single Mechanical Seal Assy
- RPM Display for Pump and Rotor Speed
- Digital Back Pressure Gauge Transducer
- Air Gauge, Regulator
- Interchangeable Flowrators
- 2 gal SST Holding Tank
- 1/4" and 3/8" SST Hose Adapters
- Equipment mounted on an Aluminum Base w/ SST cover for Bench Top Use
- Water-Shed SST Enclosures
- Power Disconnect & E-Stop Switch

Options Include:

- High Viscosity Feeder Tank
- Double Mechanical Seals
- SST Jacket for Heating/Cooling
- Polished SST Cart w/Shelves, Drawer & Casters
- Mixing Head: Hasteloy or other Exotic Metals
- Bearing Housing Configuration Only
- Special Rotors for High/Low Shear
- 230 VAC / 50HZ
- 380 VAC / 50HZ

2M: Rated Capacity in Pounds/Hour

Application	Mixer 2MA	
	minimum	maximum
Cake Batters	10	120
Marshmallow	10	80
Whipped Toppings	10	80
Creame Fillings	10	80
Angel Food/Meringue	10	60

Maximum Capacity of the Oakes Continuous Mixer depends on the product being mixed. Maximum rated capacity is on a conservative basis. This table describes the normal range of capacity for a general range of products for all models of the Oakes Continuous Mixer.

2M Continuous Mixer - Food

angel food
cake batter
cheese cake
devil's food
egg whites
icing
layer cake
meringue
marshmallow
mousse
nougat
pie fillings
pound cake
soy bean
sugar wafers
swiss roll
batter/filling
whipped butter
whipped creme
yogurt