



## Micro Mixer 0.2 Liter and 1.0 Liter

Krieger's Vacuum Pressure Micro Mixer is ideally suited for pharmaceutical and bio laboratory research where mixing small quantities under vacuum and/or pressurized conditions are required.

The Micro Mixer's jacketed mixing vessel is 316 L SS and can be completely removed from the base mixing station, allowing researchers full flexibility in all operations from processing through final product handling.

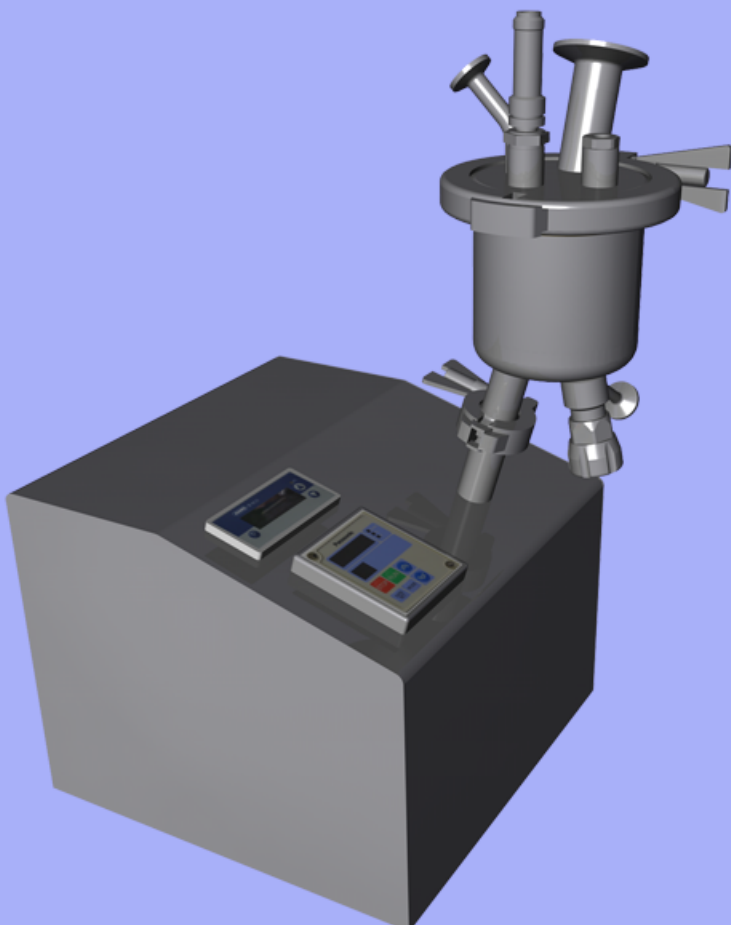
Material filling or emptying of the Micro Mixer vessel can be done remotely without having to open the vessel cover. Moving the contained mixed product to an autoclave or isolator for discharging, cleaning or filling is simple.

FDA seals, a pressure relief valve and temperature probe are included standard.



### Small Scale Vacuum Mixing, Pressure Mixing

- Removable Portable Vessel
- FDA Seals
- Fully Jacketed 316L SS Vessel
- 0.2 or 1.0 Liter Capacity
- 0.05 or 0.3 Liter Minimum Process Volume
- Bottom or Top Driven Mixing Station
- Digital Speed Read out with Variable Set Point
- Temperature Probe with Digital Read Out
- Optional Bottom Valve





**MM 0.2 T**

**MM 0.2 B**

**MM 1 B**

**Processing Data**

Mixer:	Top Driven	Bottom Driven	Bottom Driven
Working volume:	0.2 liter	0.2 liter	1 liter
Minimum Process volume:	0.05 liter	0.05 liter	0.3 liter
Capacity to vessel rim:	0.35 liter	0.35 liter	1.4 liter
Rpm: infinitely variable	0 - 1000	0 - 1000	0 - 1000
Vacuum:	-1 bar	-1 bar	-1 bar
Pressure:	0.5 to 4 bar	0.5 to 4 bar	0.5 to 4 bar

**Operating Features**

- Digital read out and set values
- Temperature probe with removable sleeve holder
- Digital temperature indication
- Removable vessel from base station with coupling
- Heating shell with input and output nozzle
- Long Temperature sleeve holder (removable)

**Connections & Interface**

- Two free nozzles with tri clamp connections ASME 1" & 1/2"
- Safety relief valve set at 0.5 bar

**Material Specifications**

- Vessel with dished bottom 316L ra < 0.4µm
- Vessel cover, 316L ra < 0.4µm
- FDA lip seal, Viton seals

**Electrical Data**

Electrical Data: 50 Watt, 110 Volt, 60 Hz

**Others**

Dimensions L x B x H:	10,8" x 9,8" x 23"	12,2" x 9,8" x 17,1"	12,6" x 9,8" x 20,1"
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**Optional**

- Bottom valve 1 outlet
- Bottom valve 2 outlets
- Different impellers
- Short temperature sleeve holder



Vessel with bottom Valve, 2 outlets



Standart impeller and long Temperature sleeve holder