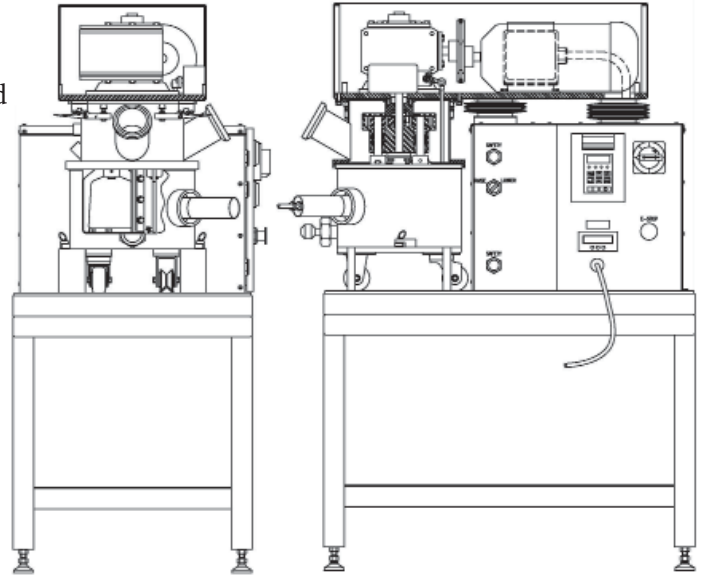


Double Planetary Mixer (DPM 1/2Pt-5) Specifications and Dimensions

STANDARD FEATURES:

- Full vacuum change can design
- 1/2Pt, 1Pt and 1Qt models: air/oil hydraulic lift raises and lowers the mix can to and from the mixing position.
- 1 to 5 gallon models: air/oil hydraulic lift lowers and raises the agitators to and from the mixing position.
- Integrated base design for mounting on table top or work bench
- Rectangular stirrers or High Viscosity “HV” blades
- Agitator drive components and lift system are fully sheathed
- Stainless steel type 304 wetted parts with 80 grit polish
- Non-stainless steel components are finished with a durable two-part epoxy coating
- TEFC 230/460 volt, 3 phase, 60 Hz motor
- Stainless steel gearbox with Viton sealing o-rings and lip seals on stirrer shafts
- Safety limit switch to prevent operation of the mixer when the mix vessel or agitators are not in the mixing position



AVAILABLE OPTIONS:

- Wetted parts can be stainless steel type 316, Hastelloy or other special alloys
- Sanitary design with special seals, polishes, connections and stainless steel sheathing
- Finger type blades, augers, flight bars and other custom agitators
- Sidewall scraper arm and bottom scraper with replaceable Teflon blade
- Internal pressure design
- Sight/charge ports, inlet/outlet nozzles and tank light
- Flush tank discharge valves
- Temperature probes, pressure transducers and other sensors
- Jacketed mix vessel for heating and/or cooling
- Internally-machined mix vessel for use with Ross Discharge System and scraper(s)
- Carbon steel or stainless steel mixer bench for mounting the mixer. Common bench design also offered for mounting both mixer and Discharge System
- Controls including variable frequency drives, explosion-proof operator stations and PLC recipe controls
- Vacuum pump, heater, chiller and other auxiliary equipment

Model	Mixing Capacity	HP	Orbital RPM	Stirrer RPM	Raised Overall Height*	Lowered Overall Height*	Overall Width*	Overall Length*	Mix Vessel Overall Height*	Mix Vessel Inside Diameter*	Mix Vessel Depth*	Weight
	gallons				inches	inches						
DPM-1/2Pt	0.02 - 0.06	1/2	9 - 88	9 - 88	25.5	N/A	12	16	3	3.5	2.5	165
DPM-1Pt	0.06 - 0.13	1/2	7 - 72	8 - 78	25.5	N/A	12	20	4.25	5.75	3.25	190
DPM-1Qt	0.06 - 0.25	1/2	9 - 88	10 - 100	29.00	N/A	13.5	21.38	5	5.88	4	200
DPM-1	0.2 - 0.75	1.5	5 - 100	9 - 180	31.25	24.25	23	33.25	6.5	8.25	5	390
DPM-2	0.3 - 1.5	1.5	5 - 97	6 - 122	32.25	24.88	23	35.25	8	9.63	6.5	450
DPM-4	0.5 - 4	2	4 - 69	4 - 80	41.25	32.25	23	43.25	9.63	14	8	520
DPM-5	0.5 - 5	2	4 - 69	4 - 80	43.25	34.25	25	45.25	11.63	14	9	580

*Dimensions shown are approximate and subject to change without notice due to design improvements, selected options, or supplier component substitutions.



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