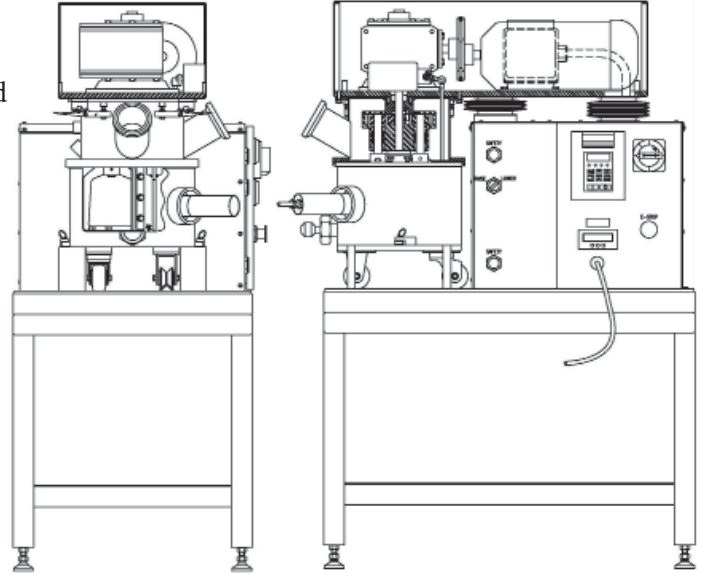


Double Planetary Mixer (DPM 1/2Pt-5) Specifications and Dimensions

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	0.2 - 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	16	10	580



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