

PTK PM-C Lab series High Shear Mixer



The PTK high shear mixing machine PM-C Lab series High Shear Mixer is designed for the production of dry mixtures and wet granulates for small and smallest batches. The user-friendly HMI is designed for easy operation and all product specifications can be saved. The bowls can be quickly changed using the tri-clover system.

Product Features

- Quick and Easy bowl change via tri-clover fittings
- Complete product control, save and recall all parameters
- Measure amps, time, temperatures, chopper, impeller RPM
- Print product reports
- Mixing units can completely and easily be dismantled and cleaned
- Mobile unit with wheels
- Use for mixing, granulating and drying processes
- Binder hopper
- *Optional temperature sensor
- Exhaust filter
- Safety interlocked

Technical Parameters

Model		PM-C001	PM-C003	PM-C005
Vessel Volume	[ℓ]	2.4	5.7	10.1
Working Volume	[ℓ]	0.65 - 1.1	1.7 - 3	3.8 - 6.6
Output Capacity *	[kg]	0.45 - 0.77	1.2 - 2.1	2.7 - 4.6
Agitator Drive Motor	[kW]	0.75		
Agitator Max, Speed	[rpm]	300		
Chopper Drive Motor	[kW]	0.75		
Chopper Max, Speed	[rpm]	3,000		
Dimension	[mm]	1,190 x 555 x 1,450		
Weight	[kg]	550		
Power Supply Data		220/380/400/415/440/460Vac, 3Ph, 50/60Hz		
Control Power		24Vdc		

* Specific Gravity 0.7