

PM-1005~1060 High Shear Laboratory Mixer



With an ergonomic design, compact size, good performance and all the required functions, the PTK high shear mixer model, PM-1005, 1015, 1030, 1060 are ideal for laboratory use. User friendly operation and easy maintenance will bring satisfaction even to the beginner.

Product Features

- Save all recipe/product data onto HMI for manual or automated mixing control
- Allows full data analysis and batch reporting
- Automated vessel lid lifting*
- WIP cleaning*
- Jacketed vessel*
- Liquid binder
- Temperature and pressure monitoring*
- Many Powder loading options
- Integrated sieve or external granulators (cone mill)
- Pressure tested design to 12 bar
- HMI controls 21 CFR Part 11, with remote maintenance access
- Bottom driven single pot mixer.

Technical Parameters

Model		PM-1005	PM-1015	PM-1030	PM-1060
Vessel Volume	[ℓ]	14	33	90	130
Working Volume	[ℓ]	3.8 - 6	10.7 - 18	20.6 - 50	44.4 - 75
Output Capacity *	[kg]	2.7 - 4.2	7.5 - 13	14.4 - 35	31 - 53
Agitator Drive Motor	[kW]	0.75	1.5	2	2
Agitator Max, Speed	[rpm]	300	300	200	150
Chopper Drive Motor	[kW]	0.75	1.5	2	2
Chopper Max, Speed	[rpm]	3,400			
Dimension	[mm]	1,420 x 555 x 1,470	1,640 x 650 x 1,630	1,250 x 1,240 x 1,810	1,500 x 1,450 x 1,930
Weight	[kg]	650	700	800	950
Power Supply Data		220/380/400/415/440/460Vac, 3Ph, 50/60Hz			
Control Power		24Vdc			

* Specific Gravity 0.7