

DP1 Electric Lab Benchtop Disperser

Price: \$6,458.00

The DP1 line of bench top dispersers is one of the most economical and full featured disperser lines on the market. This high shear disperser can handle a wide range of volumes from 200 mL up to 5 gals. The unique container holder adjusts to clamp the vessels in place firmly at a wide diameter range. One step dispersion blade change out lets the operator quickly tune in a process, using different size dispersion blades or even different blade geometries that better accommodate the shear level needed for the application. The Totally Enclosed Fan Cooled (TEFC) electric motor is IP55 rated for protecting against water spray and dust ingress. The DP1 high speed disperser line does not just perform well with the process, but is also easy to use. They are equipped with an air lift system that effortlessly moves the dispersion blade in and out of the mix. Controls for the DP Series are simple to operate, with an RPM readout to ensure you are getting the same dispersion results every time. All the DP1 electric high shear mixers operate from 0-5000 RPM and can accommodate vessels up to 16" in height. If greater height is needed please see the DP2 line of dispersers.



Specification	Value
Item Number	DP1030VDA
Air lift requirement	80psi @ 1cfm
Enclosure type	IP55
Horsepower	3 HP
Impeller attachment	Bolted onto internally threaded shaft
Impeller diameter	4 in.u0026 5 in.
Impeller material	316SS
Impeller type	Dispersion Blade
Lead time	10 Business Days
Lift height	14 in.
Lift type	Air
Max vessel height	16 in.
Motor type	TEFC Electric
Number of impellers	2
Phase	3 Ph.
Rpm	500-5000
Shaft diameter	.75 in.
Shaft material	316SS
Speed controller	Variable Frequency Drive (VFD)
Total height lowered	29 in.
Total height raised	41 in.
Voltage	230V
Volume	200ml - 5 gal.



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