

Syringe Agitator/Mixer

Uniform Dispensing for Mixed Fluids that Separate

Especially useful for LED ENCAPSULATION applications

The GPD Global® Syringe Agitator/Mixer keeps fluids mixed. Fluids that tend to separate in a short period of time can be continually mixed so a consistent blend of fluid is constantly available throughout your application process.

Fluids consisting of two parts, one of which is not soluble in the other, can be difficult to dispense. Even though the parts may be mixed well at the beginning of a process, separation of the two parts occurs during the process resulting in differing concentrations of fluid being dispensed.

A syringe agitator/mixer consists of an engineered mixing element inserted into a syringe or cartridge and rotated at an adjustable speed. Continual agitation of the fluid prevents the fluid parts from settling and separating from each other. The result is uniform dispensing of your application from start to finish.

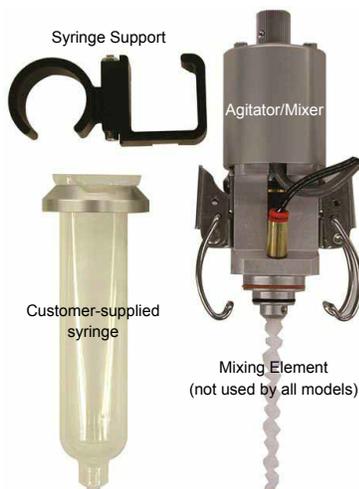
Agitation speed is set by the operator. The easy-to-use dial allows for easy, repeatable setup. For external or integration applications, a power supply is available. Plug the supply into the power source, set the speed dial, and agitation begins.



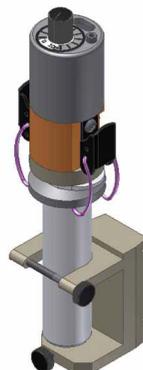
The syringe agitator/mixer can accommodate a maximum fluid viscosity of approximately 15,000 cps. Low viscosity fluids are easily accommodated and typically run at a higher mix speed than high viscosity fluids

The syringe mixer is particularly useful for LED Encapsulation applications because the encapsulant consists of two parts - a fluid and a powder - that if not mixed continually, will settle and separate over time.

Cleaning the syringe agitator/mixer is very easy. The wetted parts are disposable and available in a variety of lengths and sizes to accommodate your application.



Syringe Agitator/Mixer Assembly



Liquid Dispense Pump with Syringe Agitator/Mixer



PCD4H Pump with Syringe Agitator/Mixer

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