

Epoxy Preparation

Epoxy performance is highly dependant on how it is prepared, dispensed and cured. To properly prepare a 2-part epoxy, you must have the proper ratio of resin to hardener and they must be mixed together evenly and completely. ÅngströmBond® 2-part packets provide the propper ratio and can be mixed by hand or with the LineX LX-9001 Automatic Bi-Pack Epoxy Mixer. The LX-9001 is an automated system designed to eliminate the human error that can occur at this step.

An often overlooked second step to epoxy preparation is de-gassing the recently mixed epoxy. The inherent nature of mixing introduces microscopic air bubbles into the epoxy. These air bubbles, visible and invisible to the naked eye, will lead to voids in the cured epoxy that can potentially cause failures. Running the recently mixed epoxy through a centrifuge, in its syringe, will remove these air bubbles and reduce the chance for epoxy failure.

When using an automatic dispensing machine, further costs can be saved and product consistency improved with either the pre-weighed packets or the premixed and frozen (PMF) packages. A system can be devised which can reduce operator variability to ensure the same amount of adhesive is injected each time. The unit will also decrease the repetitive motion that can sometimes lead to Carpal Tunnel Syndrome. Premixed and frozen can be packaged in an automatic cartridge that fits your dispensing machine, thus adding to the savings.



LineX

LX-9001 Automatic Bi-Pack Epoxy Mixer

The LX-9001 epoxy mixer offers rapid efficient mixing of 2 to 4 gram packaged epoxy with no waste. Other features include built in timer for accurate mixing cycles, attached syringe holder and stainless steel construction.

Size: 12.5" x 4" x 4.75"

Weight: 4 lbs

Ordering Information

Part Number	Description
LX-9001	LineX Automatic Bi-Pack Epoxy Mixer. 110 V
LX-9001A	LineX Automatic Bi-Pack Epoxy Mixer. 220 V



Clay Adams

0151 Centrifuge

De-gassing epoxy after mixing will ensure performance and increase yields. The Clay Adams 151 centrifuge is designed to work with test tubes but will also work with small 3cc syringes to eliminate the small, micro bubbles created during the epoxy mixing process.

Technical Specifications

Nominal Speed	3400 rpm with six 15ml tubes
Nominal RCF	1240 x G, Max. Volume: 90ml (6 x 15ml)
Operating Power	115V, 60Hz, 180W

Ordering Information

Part Number	Description
CLAY-ADAMS 0151	Clay Adams 0151 Centrifuge. Comes with Tubes and Bumpers.