

Moisture and Bubble-Free Material Preparation in Larger Quantities

Issue: Moisture and bubbles in your dispensing material with larger quantities

Solution: Scheugenpflug's 55-gal Barrel Agitator Station

Barrel agitators for casting resins take their technology from the paint sector. They fall short of meeting the special demands of the auto, medical, aeronautics and electronics industries. They can't guarantee a solid seal on the barrels – often containing expensive, moisture sensitive resins – allowing the humidity of the surrounding environment to damage the material. Also, conventional barrel agitators, as opposed to smaller units, cannot work in a vacuum to process materials directly.

The Scheugenpflug development team decided to solve these issues and combined the proven functions of the A310 preparation units for smaller containers with the demands of preparing 55-gal barrels.

The result is an optimal product that ensures high process safety at an economic price. In addition to its temperature control and stirring abilities, new functions were added, such as infinitely-variable evacuation which results in bubble-free preparation. This is achieved through the use of a specially constructed dome which covers the top of the 55-gal barrel and seals it hermetically.

Furthermore, the proven Scheugenpflug SCP200 controller is integrated with a vacuum controller, cyclical stirring, heating, filling level monitoring, limit value monitoring, operation data recording, external control, and much more. These features make the Scheugenpflug Barrel Agitator Station an infinitely practical system that saves time and money.

Moisture and bubbles in large barrels are now a thing of the past. The advantages of smaller agitators have been integrated into a 55-gal barrel application.



Pictures: Scheugenpflug

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About Scheugenpflug:

Scheugenpflug is a leading manufacturer of precision engineered systems and machines for efficient adhesive bonding, dispensing and potting processes. The product and technology range extends from cutting-edge material preparation and feeding units and high performance manual work stations to modular in-line and automation solutions, specially tailored to customer specifications. Scheugenpflug systems are used in the automotive and electronics industries as well as the telecommunications sector, medical technology and the chemical industry. The company has four additional locations in the USA, China and Mexico as well as numerous service locations and sales partners all over the world. Due to its considerable expansion Scheugenpflug was able to double its number of employees within 5 years and now employs more than 450 staff.

For additional information go to www.scheugenpflug-usa.com