



Kistler-Morse®

Batching Products

case history

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Market: Ingredient Batching for Pharmaceutical Production

CUSTOMER

Vipont Pharmaceutical, headquartered in Fort Collins, Colorado, manufactures over-the-counter drugs.

PROBLEM

The company was building its first pharmaceutical production facility in 1989, and needed a system that would accurately and repeatedly batch ingredients by weight. "We were looking for something that would provide accuracy within .5%," says Mark Lutgen, process engineer at the Fort Collins plant.

APPLICATION

Engineers decided to try Kistler-Morse Load Stands, installing one on each leg of a 4,000 gallon stainless steel batch mixing tank. The load stands would measure, by weight, how much of each ingredient was loaded into the vessel. A Kistler-Morse 1220 batch controller was chosen to control the automated batching process.

BENEFIT

According to Lutgen, the system's accuracy has been within the specified range and its repeatability has been acceptable. The batch controller stores nine different formulas for the process, which typically includes three ingredients: water, alcohol and a proprietary mixture.

CONCLUSION

Lutgen says Kistler-Morse provides good service for the plant, which is Vipont's primary production facility. "Whenever we've had a problem, we call them up and they've been able to help us trouble-shoot it over the phone and get the problem solved."