



The [KING-GAGE LevelBAR indicator](#) is a popular choice for tank gauging retrofits. When dedicated tank displays are preferred, the LevelBAR provides easily visible confirmation of tank level that plant personnel can depend on. The electronic column display integrates well in operations that are beginning to transition away from fluid filled tank gauges. This was part of the reason that **Quality Ingredients Corporation** a producer of specialty ingredients, dry creamer, cheese and dairy powders chose KING-GAGE tank liquid level systems.

The application is situated at their second production facility in Marshfield WI which was acquired by Quality Ingredients in 1999. Formerly owned by Beatrice Cheese Company, the facility was subsequently expanded in 2001 and is used for spray drying and dry blending processes.

Working with the plant's operations manager in proposing their new gauging system, we learned that two 1974 & 1975 circa tanks had previously been equipped with "Wizard" gauges (a long defunct supplier). Part of the upgrade scheme was to retrofit these silo tanks with new KING-GAGE flush weld shells to accommodate the new level transmitters.

System installation is relatively simple since power is supplied to the transmitters over the same two wire cable that conveys the 4-20 mA signal to the LevelBAR indicator. The [AcraSensor level transmitters](#) combine flush mounting sanitary design (that meets 3-A standards) and rock solid dependability. Unlike many level transmitters, they feature a unique field replaceable sensing diaphragm (enabling longer service life). Tank levels for Dryer Silo #1 and Dryer Silo #2 are displayed on the LevelBAR indicators to monitor their 53,000 pound capacities.



[KING-CAGE LevelBAR v2 Data Sheet.](#)



[KING-CAGE LevelBAR v2 Data Sheet.](#) The simplicity of our original



[PROCESS EXPLORE Data Sheet.](#) The simplicity of our original



[Pride 4000 Antifreeze & Coolant Data Sheet.](#) The simplicity of our original



[Magnabond Data Sheet.](#) The simplicity of our original