

Teflon® Coated Transducer Features Non-Stick Coating

The 3DLevelScanner TC features a Teflon® coated antenna that can be used in extreme conditions when dust or powdered materials cling to the device and interfere with the acoustic pulses of the 3DLevelScanner. Teflon® has one of the lowest coefficients of friction against any solid, resulting in a non-stick finish that resists buildup. Use of the Teflon® horn prevents sticky material from building up on the antenna, ensuring optimal performance by the 3DLevelScanner.

The Teflon coated antenna is designed for use in particularly difficult environments. Some examples of applications for the Teflon® coated antenna include soybean meal, which tends to be very sticky and can build up on a standard antenna. Flour and sugar are other clingy materials that can interfere with the performance of the antenna. Use of the Teflon® coated antenna also reduces the frequency for cleaning the antenna, prolonging the maintenance cycle.



Teflon® Coated Transducer for Sticky Materials.

Performs Reliably with Minimal Maintenance

The 3DLevelScanner provides accurate volume information for material contained in bins, tanks and silos in real-time using 3DMultiVision software or an HMI. The device measures multiple points within the vessel, continuously measuring and mapping the material surface, ensuring managers receive a true volume measurement of the material. Visual representation of buildup or cone up or down conditions is provided through 3D mapping and visualization.



The 3DLevelScanner features self-cleaning technology and the ability to penetrate extreme dust, which allows it to perform reliably in harsh environments with minimal maintenance. The scanner also provides minimum, maximum and average distances, with a measuring range of up to 200 feet. As an added benefit, BinMaster's MultiVision software allows managers to monitor material in multiple silos from a remote location.

3DLevelScanner TC

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