Halar® Coated Transducer
for Corrosive Materials

The 3DLevelScanner HC accurately measures highly corrosive materials in bins, tanks, and silos. It is constructed of specialized materials including a HALAR® coating on the mechanical parts, VITON® for the O-rings, and specially-coated stainless steel fasteners to ensure optimal performance. The combination of acoustics-based, non-contact technology and ruggedized components ensure that the 3DLevelScanner HC will work reliably over a long period of time in some of the toughest industrial environments.

Halar® Coated Transducer for Corrosive Environments.

The 3DLevelScanner HC works with many materials on the USA's DOT Class 8 material list, such as:

- Acetic Acid
- Ammonium Hydroxide
- Benzene and PTA
- Butanol
- Calcium Hydroxide
- Hydrochloric Acid
- Methanol

- Methylene Chloride
- Nitric Acid
- Potassium Hydroxide
- Quick Lime
- Sodium Chlorite
- Sodium Hypochlorite
- Sulfuric Acid

For Harsh Industrial Environments

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 via a local area network.

3DLevelScanner HC

BINMASTER®