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Media Contact: Jenny Christensen, Vice President of Marketing

Phone: 402-434-9125 / 800-278-4241

Email: jchristensen@binmaster.com

New Guided Wave Radar Measures Liquid Levels in Tanks, Standpipes & Separators

The new [GWR-3000 guided wave radar](#) is suited for all types of liquids including those with steam, vapor, foam, condensation, or those prone to residual buildup. It is ideal for continuous level measurement in storage vessels, standpipes, or separators, tank metering at tank farms, and interface measurement to detect separation layers. It is appropriate for use in water, wastewater, oils, fuels, and many chemicals.



The GWR-3000 is completely customized for each vessel. It is offered with plastic, aluminum, or stainless-steel housings and with either a cable or rod customized to a specific length. Both 2-wire 4-20 mA or 4-wire 4-20 mA and Modbus output options make it easily compatible with existing systems. To meet hazardous location requirements, it is available with a variety of CSA and FM approvals, or can be used in ordinary locations. Flat and angled mounting plates, a variety of flange sizes, and 1.5" and 2" NPT mounting options make the sensor adaptable to most any vessel.

The GWR-3000 is easily programmed using a BinDisc module. On-site and remote monitoring can be done using [BinView](#) software on a phone, tablet, or PC. It can also be connected to your existing PLC and control room. For convenient access throughout the plant, [digital panel meters](#) provide local data access via a push button display that is highly visible in bright light, fog, or dust.

These sensors can be applied in liquid storage tanks containing ammonia, bitumen or liquefied gas, ethanol, anhydrous ammonia, and many other types of fuels, oils, or chemicals. The GWR-3000 is also for use in water separators in steel mills, chemical or food plants, waste transfer facilities, industrial wastewater treatment systems, metal recyclers, and flavoring and fragrance manufacturers.

About BinMaster

BinMaster got its start in the early 1960s when a local seed company asked Garner Industries to fabricate a switch to alert when bins were full. Today, BinMaster is a privately held, independent US manufacturer of point and continuous level indicators and inventory management systems used for monitoring bulk solids or liquids in bins, tanks, silos, and hoppers. More than just level sensors, the company offers complete solutions using wireless devices and web applications to send data to a control room, console, smartphone, tablet, or PC. Robust, custom systems can be developed for a single site or networked across a multi-national operation. BinMaster is certified to ISO 9001 quality management systems—requirements. For more information about BinMaster, visit www.binmaster.com.

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