



L&J engineering
evolving at every level

Precision, Lightweight **Radar Gauges**

When you need reliable, accurate non-contact level gauging, look no further than L&J Technologies. The **L&J engineering MCG 1600SFI Smart Flash Infrared Radar Gauge** and **evo 2600 Radar Level Gauge** are your best choices. They offer lightweight simple top-down installation along with trouble-free operation, customized, cost effective solutions for all your level gauging needs for a wide range of applications, including dirty and corrosive products.

Look to L&J Technologies for all your **comprehensive level gauging** solutions, service and support needs.

Contact us today, **708-236-6000** or sales@ljtechnologies.com and let us help you decide what solution will work best for you and your operation.

MCG 1600SFI shown with the optional **WirelessHART**.

evo 2600 shown with the optional **WirelessHART**.



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MCG 1600SFI shown with the optional **WirelessHART**.

evo 2600 shown with the optional **WirelessHART**.



MCG 3905 WINGauge
Inventory Management System.

Instant Accurate Radar Level Gauging

Designed to work in a variety of industries, the L&J engineering MCG 1600SFI and the evo 2600 use Frequency Modulated Continuous Wave (FMCW) technology operating in the K-Band frequency. **The MCG 1600SFI operates at 10 GHz with an accuracy of ± 0.5 mm while the evo 2600 operates at 26 GHz with accuracy of ± 3 mm both of which can be customized to provide optimal antenna configuration with four available antenna designs, parabolic, cone, rod and still well for specific applications and installations.** This ensures accuracy and reliability in a wide variety of level gauging applications whether you are adding radar as a redundant leveling option to comply to API 2350 Guidelines, replacing a float and tape or setting up radar leveling on a floating roof tank.

All programmed and processed information is displayed on the LCD screen of the MCG 1600SFI while the evo 2600 features an all new evolutionary graphical display called the e.WAVE.



This provides a graphical profile of the evo 2600's radar signal inside the tank to identify any unforeseen obstructions or intrusions in your level gauging application and allows you to fine tune the radar to cancel them out. All information displayed on the MCG 1600SFI and the evo 2600 LCD screens can be displayed on the optional Ground Level Display (MCG 1350M) which is identical in form and function to the display on the main



unit and enables complete programming and calibration functions via the hand-held infrared calibrator (MCG 2150 required purchase for new installations) without the need to climb to the top of the tank.



The L&J engineering MCG 1600SFI and evo 2600 utilize intuitive set up wizards that can have the radar up and gauging in under 5 minutes without removing the cover and internally wiring in external devices or laptops. They provide instant accurate information via the L&J Tankway, **WirelessHART** or various other protocols to your inventory management system such as the L&J engineering MCG 3905 WINGauge making it no longer necessary to walk the tank field or climb to the top of each tank for the desired information.

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L&J Technologies or any of its subsidiaries assume no responsibility and shall not be liable for any damage, injury or death caused by the mis-application or improper installation of the products that it provides. Installation shall be per manufacturer's instructions in accordance to any applicable local, state or federal regulations. It is the responsibility of the purchaser to ensure these guidelines are followed and that the products are applied properly.

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LJE-B-RADAR-19B