



G&G TECHNOLOGIES, INC.

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Lipid-Nanoparticle Mixing Skids

Lipid Nanoparticle (LNP) Mixing

The introduction of lipid-based nanoparticles has revolutionized the landscape of the pharmaceutical industry, and G&G Technologies is on the cutting edge of a key component of this technology; LNP Mixing.

Our skids are designed to encapsulate nanoparticles and proteins inside of a lipid capsule to protect them from degradation and modify drug delivery, helping scale up the production of pharmaceuticals, making them more accessible to people around the world.

LNP Mixing Applications

- Gold Nanoparticles
- Peptides
- Nucleic Acids, DNA, RNA, mRNA
- Small Proteins



Advantages of G&G Technologies LNP Skids

The proprietary "T-Mix" Technology, engineered and designed by G&G Technologies, is the most effective way to scale-up your LNP mixing process, outperforming other technologies at larger scales. The LNP Skids may also be adapted for use with other mixer technologies, based on customer preference. Customize your LNP Skid to fit your process by specifying preferences in pumping technology, sensors, and custom flow paths.

Our systems hold tight control over process parameters and are available for use in classified hazardous spaces including ATEX and NFPA regulated environments.

Local or Remote HMIs may be used. Our software is intuitive, user friendly, and secure, conforming to 21 CFR Part 11 standards. Select your preferred platform to streamline integration into your facility.