



An Ingersoll Rand Business



ENGINEERED TO FIT YOUR WORKFLOW

# Custom Liquid Handling Solutions

From sterile fluid transfer and buffer prep to large-volume liquid storage, ILC Dover systems start with your specs, not a stock design. We customize every flexible, single-use solution to your workflows, timelines, and scale requirements.

# Custom-Built for Complexity & Delivered with Speed

ILC Dover designs custom single-use liquid systems that simplify tech transfer, support diverse workflows, and scale with your process. Backed by decades of experience, we deliver solutions built for speed, compliance, and seamless integration from development through commercial production.



## Configured to Your Process

- Single-use assemblies built to integrate directly with upstream, downstream, and fill/finish lines
- Port, tubing, and connector options tailored to your site and customer specs
- Custom drawings delivered per user's specification to support technology transfer and validation



## Fast, Scalable & Supported

- Short lead times through a harmonized global supply chain
- Solutions scaled to any batch size or site footprint
- Cleanroom-ready systems backed by expert implementation support across North America and EMEA



## Compliance Without Compromise

- Designs validated to cGMP, FDA, and USP standards
- E&L-tested materials with full documentation packages
- ISO-certified manufacturing across the US, UK, EU, and Mexico for global QA consistency



## Built on Experience

- Proven success supporting CDMOs, tissue banks, and medical device workflows
- Deep expertise in product design, risk mitigation, and regulatory compliance
- Vertically integrated supply chain and custom packaging capabilities across global sites



# Systems to Support Your Entire Liquid Workflow

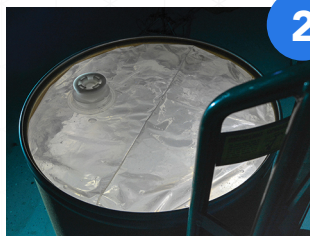
ILC Dover offers a wide range of customizable liquid systems to support the diverse needs of pharmaceutical and biopharmaceutical manufacturing. The components below can be configured to meet your specific process needs and are available in various formats, materials, and connection types.



1

## Single-Use Liquid Bags

- 2D and 3D configurations
- Standard volumes from 50 mL to 50 L
- Custom chamber sizes available up to 200 L
- TruFLO® ports for high-integrity, flow-optimized performance
- Available with TPE or platinum-cured silicone tubing
- Configured for fill/finish, media, buffer, or bulk storage workflows



2

## Form-Fit & IBC Liners

- Custom-fit liquid liners for drums, totes, and intermediate containers
- Compatible with oxygen- and moisture-barrier films
- Broad portfolio of valves, caps, and adapter options
- Reduces residual product waste and improves operator safety



3

## Sterile Fluid Transfer Assemblies

- Closed-system designs for sterile connections
- Built for isolator, cleanroom, or glovebox environments
- Fully integrated tubing, connectors, filters, and fill lines
- Available sterile and ready-to-use for aseptic environments
- Designed for fill/finish, sampling, and aseptic operations



4

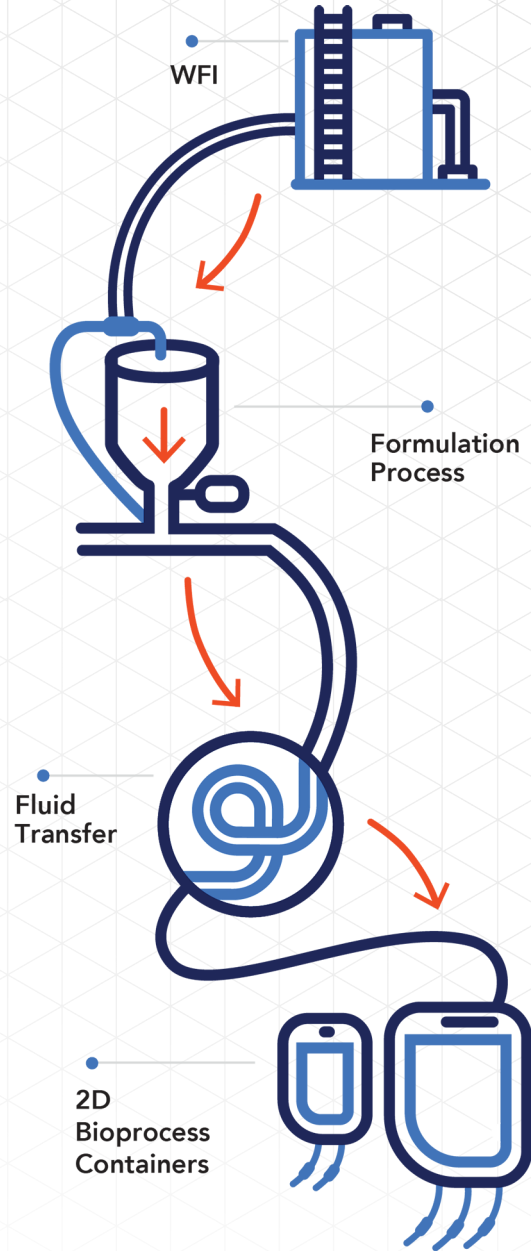
## Support Components & Custom Options

- Injection ports, sampling ports, and quick-connect fittings
- Aseptic connectors and vent filters
- Custom labeling, packaging, and kitting for easy traceability



## Why ILC Dover?

For over 25 years, ILC Dover has supported pharmaceutical and biopharmaceutical manufacturers with custom single-use solutions that meet strict regulatory and operational demands. Our proven track record spans early development through commercial production, with solutions built to perform in complex, fast-moving environments.



## Choose ILC Dover's Custom Liquid Systems

Trust ILC Dover for liquid systems built to integrate fast, scale cleanly, and meet the most exacting specs.



Scan the QR code to connect with  
ILC Dover for ordering details.

**Rapid turnaround available.**



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