



Bulk Liquids for Bioprocessing

SCALABLE, RELIABLE MEDIA SOLUTIONS

Expediting High-quality Liquid Media and Buffer Solutions

FUJIFILM Irvine Scientific, a world leader in the innovation, manufacturing, and distribution of cell culture media, delivers bulk custom and off-the-shelf liquid media and buffer solutions to support the biopharmaceutical, vaccine, and cell therapy industries at every stage of development—from small-scale prototyping to full commercial production.

A scalable, consistent, and comprehensive bulk liquid source

Custom solutions

- FUJIFILM Irvine Scientific cell culture media experts deliver individualized support to develop the perfect custom media or buffer solutions for your applications
- Flexible bulk liquid batch sizes ranging from 50 L to 10,000 L

Lot-to-lot consistency & scalability

- An industry-leading Quality Management System and Raw Material Program, along with cGMP manufacturing facilities and expert scientific and regulatory oversight assure lot-to-lot consistency and performance, as well as scalability from small to large batches



Flexible packaging solutions to suit all application

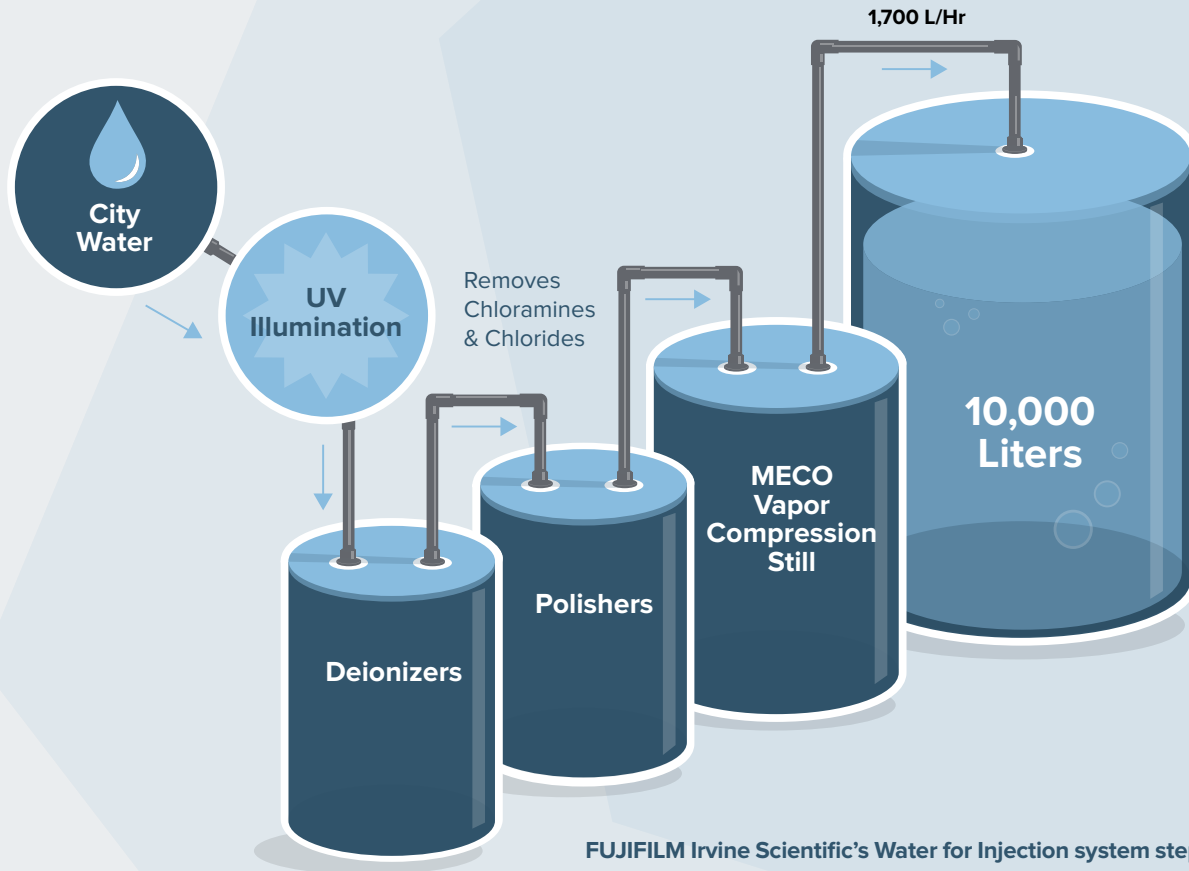
Packaging is a vital consideration for any biopharmaceutical company when selecting a bulk liquid supply partner as it plays a key role in deployment and supply continuity. FUJIFILM Irvine Scientific offers a range of flexible packaging options aimed to suit all your liquid application needs.

Key benefits:

- **Flexible and customizable packaging**
 - Options range from 50 mL vials to 500 L bioprocess containers (BPCs)
- **Standard packaging**
 - Standard options offer an economical and quick turnaround solution for a variety of applications
- **Operator convenience & process continuity**
 - Packaging options designed for seamless integration into your processes at each phase, including R&D, Process Development, preclinical stages, and full cGMP production scale
- **Secure shipping**
 - All large BPCs are shipped in rigid plastic drums with liners and leads
- **TepoFlex Packaging**
 - FUJIFILM Irvine Scientific utilizes Meissner TepoFlex film for all bulk liquid packaging. Certified animal component-free (ACF) and made from polyolefin-based film, TepoFlex packaging is optimized for single-use system requirements of the biopharmaceutical industry
 - TepoFlex BPCs combine low extractable and leachable properties with industry-leading gas and water vapor barrier qualities

The Right Hydration for Your Media Applications

Not all water is created equal. As a principle ingredient in a wide variety of process solutions, the right hydration can make a significant impact on performance and quality. The FUJIFILM Irvine Scientific Water for Injection (WFI) system has been developed to meet the stringent requirements of any biopharmaceutical or health industry manufacturing process, ensuring the highest quality water is available to customers.



FUJIFILM Irvine Scientific's Water for Injection system steps for treatment

Performance

- WFI Quality Water meets or exceeds the testing requirements for Sterile Water-for-Injection as stated in current USP, PhEur, and JP guidelines
- Pretreatment system, vapor compression still, and WFI distribution loop enable high throughput production

Reliability

- WFI water is manufactured in our cGMP compliant facility to ensure each batch meets the stringent requirements of biopharmaceutical, life sciences, and health industry manufacturing processes
- Every WFI lot is tested for toxicity and cytopathic effects on cell growth, and includes a Certificate of Analysis

Flexibility

- Available in a variety of packaging sizes aimed to support use from research to high throughput bioproduction
- Off-the-shelf sizes range from 1 L to 200 L or custom BPCs up to 500 L

Your Cell Culture Media Partner for Life

State-of-the-art manufacturing capabilities
deliver a reliable, efficient global supply

- Large-scale cGMP manufacturing of liquid media up to 10,000 L
- Quality Management System and Raw Material Program to meet quality requirements
- cGMP, FDA, and ISO 13485:2016 certified and inspected facility
- Raw material supply chain controls and CIP/COP purified water
- Animal component-free (ACF) manufacturing with dedicated ACF production space
- Deep industry insight into the global shipment of bulk liquids, ensuring appropriate temperature control and product integrity

The FUJIFILM Irvine Scientific Advantage

- Unparalleled industry insight and liquid handling expertise
- State-of-the-art manufacturing capabilities
- Industry-leading turnaround times
- Flexible packaging options
- Unrivalled expertise in worldwide shipping



Life. Support.

With over 45 years of industry experience, FUJIFILM Irvine Scientific is focused on providing the highest quality cell culture media. We are dedicated to bringing life to products, and ultimately, to the patients who benefit from the resulting therapeutic advances. World-renowned for our unwavering commitment to full-spectrum partnership, FUJIFILM Irvine Scientific has defined the industry standard in support, innovation, and best-in-class turnaround time.

Contact your FUJIFILM Irvine Scientific sales representative or visit us at www.irvinesci.com to take advantage of our bulk liquid buffer solutions.

FUJIFILM
Value from Innovation

TepoFlex is a registered trademark of Meissner Filtration Products, Inc.

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