



BIOPHARMACEUTICAL

BIOPHARMACEUTICAL CAPABILITIES

WHERE TOMORROW GETS ITS WATER.®





PHARMACEUTICAL
GRADE WATER
AND PURE STEAM AT
MAXIMUM UPTIME.



BIOPHARM EXPERIENCE

THE DEEPEST EXPERIENCE AND THE BROADEST RANGE OF SOLUTIONS.

With thousands of water purification systems successfully installed around the world, MECO serves leading pharmaceutical and biotech companies with over 25 million gallons of product water each day.

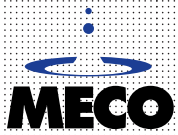
The MECO global portfolio includes the broadest range of engineered products for purified water and WFI. This depth of global experience ensures that we understand the critical nature of maximized uptime for your operations. This is why all of our processes are built around you.

Whatever your requirements—from pretreatment through production, storage and distribution, a single unit of any size or a complete integrated installation—MECO answers with the ideal combination of highly experienced engineers, state-of-the-art manufacturing and first-class service.



“ We are relentless about finding the best solution to our customers’ needs. One that offers the highest quality of product while reducing operating and capital costs. Our entire team, from engineering to manufacturing to service, takes a studied and methodical approach to everything we do. It’s part of our culture and a key component of our DNA. ”

CHET NUNEZ, DIRECTOR OF APPLICATIONS



PHARMA AND BIOTECH CUSTOMERS

IN GOOD COMPANY.

At MECO, we measure ourselves by the quality of the company we keep. And when we say “keep,” we mean long-term partnerships that produce results.

Scan our list of customers and you’ll see the world’s leading pharmaceutical and biotech companies, along with their trusted construction engineering firms.

We pride ourselves on standards as exacting and meticulous as those required by our customers. Rest assured, where you find our name, you will find other names you know and respect.

PHARMACEUTICAL & BIOTECHNOLOGY CUSTOMERS*

<i>Abbott</i>	<i>Allergan</i>	<i>Bayer</i>	<i>Eisai</i>	<i>Hospira</i>	<i>Regeneron</i>
<i>AbbVie</i>	<i>Amgen</i>	<i>Becton Dickinson</i>	<i>Eli Lilly</i>	<i>Life Technologies</i>	<i>Sanofi</i>
<i>Akorn</i>	<i>Astra Zeneca</i>	<i>Biogen</i>	<i>Fresenius Genzyme</i>	<i>MedImmune</i>	<i>Unilife Corp.</i>
<i>Alcon</i>	<i>Bausch & Lomb</i>	<i>Boehringer Ingelheim</i>	<i>Gilead Sciences</i>	<i>Merck & Co.</i>	<i>United Therapeutics</i>
<i>Alexion Pharmaceuticals</i>	<i>B. Braun</i>	<i>Bristol-Myers Squibb</i>	<i>GlaxoSmithKline</i>	<i>Novartis Patheon</i>	<i>West Pharmaceutical</i>
<i>Alkermes</i>	<i>Baxter International</i>	<i>Ceva Biomune Covidien</i>	<i>Grifols Therapeutics</i>	<i>Pfizer</i>	

**Partial customer list*

INDUSTRY RECOGNITION



MECO WATER SYSTEMS HAVE BEEN UTILIZED BY 16 ISPE CATEGORY WINNERS IN THE PAST 9 YEARS.



2010 *Biogen Idec Facility of the Year Award Winner for Operational Excellence*



2011 *Merck and Company, Inc. Global Clinical Supplies Manufacturing*



2011 *MedImmune, LLC Mammalian Cell Culture-based Production Facility*



2012 *Merck & Co., Inc. Vaccine Bulk Manufacturing Facility (VBF) Program of Projects*



2013 *Novartis Vaccines and Diagnostics United States Flu Cell Culture Facility*



2013 *Merck & Co., Inc. Vaccine and Biologics Sterile Facility (VBSF)*



2013 *Biogen Idec Flexible Volume Manufacturing (FVM) Facility*



2014 *Grifols Therapeutics, Inc. North Fractionation Facility*



2015 *Pharmeducence Aseptic Fill-Finish Facility*



2016 *West Pharmaceutical Services, Inc. Kinston, North Carolina Facility*



2017 *Bristol-Myers Squibb Facility of the Year Winner for Biologics Development and the Clinical Manufacturing Building project*



2018 *Shire Facility of the Year Award Winner for Facility Integration*



2018 *Emergent BioSolutions, Inc. Facility of the Year Awards Honorable Mention*



2019 *Moderna, Inc. Facility of the Year Award Winner for Facility of the Future*



2019 *Eli Lilly Facility of the Year Award Winner for Process Innovation*



2019 *Takeda Facility of the Year Award Honorable Mention*



PURE STEAM



**CARBON FILTERS
& SOFTENERS**



**VAPOR
COMPRESSION**



ULTRAFILTRATION



REVERSE OSMOSIS



**MASTERPAK™
(PRETREATMENT,
RO & EDI)**

BIOPHARM PRODUCT LINE

A SEAMLESS INTEGRATION OF OPTIONS.

MECO's extensive knowledge of water purification has made us a trusted source for Water for Injection (WFI), purified water and pure steam. We use that expertise on behalf of our clients to develop new and more efficient solutions featuring a wide spectrum of purification products and systems. Because we're able to seamlessly integrate all of our services and products to maximize efficiency, we're often called upon to oversee the entire process. And MECO equipment has long been considered the best in the industry.

PRODUCTS:

- Carbon Filtration
- Electrodeionization
- MASTERpak™ (Packaged RO & EDI)
- Micro and Ultrafiltration
- Multiple-Effect Stills
- Pure Steam Generators
- Reverse Osmosis
- Storage and Distribution Systems
- Vapor Compression
- Water Softening



“From determining user requirements to installation and operational qualification to the service maintenance long after a system's commissioned, we deliver integrated services to ensure the best water purification solution.”

SHARIF DISI, VICE PRESIDENT OF SALES



FROM TAP TO TANK, MECO IS THE SOLUTION TO PHARMACEUTICAL WATER AND PURE STEAM.

The standards for purified and WFI grade water are, to say the least, exacting. Which is why every aspect of your plant design is researched, tested and constructed to the highest standards. From determining the user requirements (URs) to installation and operational qualification (IQ & OQ) to the service maintenance long after the system's commissioned, MECO integrates our services and others to deliver the optimal solution. One that's customized to your unique specifications. Plus, our careful attention to current good manufacturing practices (cGMPs) and other industry standards ensures its qualification.





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