

Ultrapure Water for Life Sciences

60% More Water in 50% Less Space - What are you going to do with all that extra room?

- 1 **Our design saves water & energy**
Efficient membranes, simplified design, and maximum water recovery reduce water and power consumption
- 2 **The integrated design combines multiple operations**
Reduces footprint size by more than 40% and eliminates non-essential components
- 3 **Every pipe connection is an Infrared certified weld**
Saves inches on more than 200 connections, reducing footprint with cleaner connections and less biofilm risk
- 4 **MECO customizes a UL panel to your needs**
 - PLC - Your choice
 - HMI
 - Remote Communication



MASTERpak™ MICRO System Benefits

The MASTERpak™ MICRO Equipment line will exceed your expectations for ultrapure water needs. A MECO system design starts simply. What are your production quantity and quality requirements? MECO unifies loop operation and make-up operation into one simple system customized to your plant.

Our systems consistently produce water that exceeds global pharmacopeia standards and can also meet Ambient Water for Injection standards. We have taken a unique approach and are a life science-focused company, our equipment:

- Reduces your environmental water and energy footprint increasing your company's sustainability
- Lowers your OPEX cost for chemicals, water, electricity and square footage
- Reduces the risk of biological loop contamination and potential product contamination

MASTERpak™ MICRO UPW Systems can handle multiple loops with flows from 5 - 100 gpm and can meet production demands up to 100 gpm. MECO provides a full range of on-site services, including service deionization tanks that are regenerated in a USP dedicated plant, eliminating the risk of loop contamination from co-mixing resin with an industrial or water reuse application.

