INFORS WATER FOR INCUBATORS

Why does it matter what water we use to humidify our incubators?

1. **AVOID CONTAMINATION**: Water used to humidify the incubator environment is among the most common and most overlooked cause of contamination in cell lines. Incorrect use of water can introduce bacterial or fungal contamination and can negatively affect cell viability and cell line integrity.

2. **AVOID DOWNTIME**: Incubators are a major investment so using the correct water will mitigate downtime and help extend the life of your equipment. Incorrect water can corrode components of the incubator and humidity system.

3. **PROTECT WARRANTY**: Using incorrect water may void the warranty of your Multitron incubator shaker manufactured by Infors USA.

What is the correct type of water to use?

Infors has many years of experience manufacturing and maintaining humidified incubators. Based on what we’ve built and maintained, we recommend water with the below specifications:

- Sterile distilled water with a pH of 7-9
- Conductivity of 1-20 microSiemens (Resistivity of 50 K-1 M ohm)

Water meeting the above specifications will provide a sterile and safe environment for your cells to thrive. It will allow your humidity control system to work efficiently and provide consistent control throughout the life of the machine while limiting downtime and lowering total cost of ownership.

Incorrect types of water:

1. Tap water contains chlorine and other impurities that may corrode stainless steel and copper components. Tap water also contains bacteria that can contaminate your cells. Not only can it damage your equipment, but it can negatively affect cell viability and cell line integrity.

2. Deionized, Water for injection, and Ultrapure water are all very aggressive. These types of water have very few ions, and they actively pull ions from stainless steel, glass, and other components of the incubator.

Why use Infors Water for Incubators?

After years of feedback and study, Infors has developed Infors Water for Incubators. The water is optimized and specially formulated to prevent bacterial growth, organic contaminants, and corrosion within humidified incubators. It is double distilled, 0.1um filter sterilized, has a pH of 7-9 with a conductivity of 1-20 microSiemens (Resistivity of 50K-1 M ohm), and is terminal sterilized. The water formulation removes certain divalent ions and raises the pH to fight off waterborne bacteria and fungi to provide a sterile culture environment.

How can I order Infors Water for Incubators?

1. Scan the QR code to request a quote for purchase.
2. Email your PO to Infors USA order team at orders-us@infors-ht.com
3. Call Infors USA at 301-362-3710 to place your order.

For questions, please contact your local Infors USA account manager.