

Water for Humidified Incubators

Keep your system running strong by reducing contamination risks and minimizing corrosive effects.

Why is water such a big deal?

Water used to humidify an incubator environment is among the most common and most overlooked cause of contamination in cell lines. After years of feedback and study, INFORS HT developed an optimized water that is specially formulated to maintain the integrity of cell lines while preventing bacterial growth, organic contaminants, and corrosion within incubators.

INFORS HT Water for Incubators is double distilled, 0.1 µm filter sterilized, has a pH of 7-9 with a conductivity of 1-20 µS/cm (Resistivity of 0.05-1 MΩ-cm), 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.

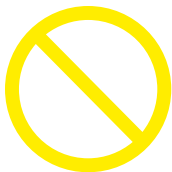
Why does the water you use matter?

- **Avoid contamination:** Incorrect use of water can introduce bacterial and fungal contamination or competing byproducts that can negatively affect cell viability and cell line integrity.
- **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.
- **Protect warranty:** Using incorrect water may void the warranty of your Multitron incubation shaker manufactured by INFORS HT, USA.



Product specifications

Part Number	I85201.02
Detail	Sterile distilled water
Quantity	Case of 6 x 2 L Bottles
pH	7-9
Conductivity	1-20 µS/cm
Resistivity	0.05-1 MΩ-cm
Documentation	Certificate of Analysis available upon request



Resist using these common water types

- **Ultrapure water and Water for Injection (WFI)**
These types of water may keep your cells safe, but the lack of ions create an ultra-corrosive environment that can lead to system breakdowns and downtime.
- **Deionized (DI) water**
This water is often readily available in the lab but low conductivity makes this water very reactive. Reactivity with system components can cause premature corrosion and contamination in the culture environment.



Recommended water type

INFORS HT Water for Incubators is a modified version of distilled water. It is double distilled and terminal sterilized with certain divalent ions removed and a pH to an ideal range of 7-9.

Together these factors delay the cell cycle within fungal spores and microbes. This Water provides 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 instrument while limiting downtime and lowering total cost of ownership.



Recommended incubators

INFORS HT Water for Incubators is recommended for use with the humidified Minitron and Multitron Incubation Shakers. The Water can also be used with other humidified incubator shakers, static CO₂ incubators with a water pan, and water baths.



INFORS HT Water for Incubators is available only to Customers in the United States. Available in cases of 6 x 2 L bottles. Request a quote today using this QR code.

