

GloTran™

Hydrogen Peroxide Gas-Plasma Disinfector

TECHNICAL SPECIFICATIONS



A Better Way to
Destroy Pathogens

GloTran™ is designed to reduce Hospital Acquired Infections (HAIs) caused by Non-Invasive Portable Clinical Items, Non-critical and Semi-critical equipment anywhere healthcare is practiced and pathogens such as MRSA present a danger.

GloTran™ uses cold dry plasma to destroy microbes and provide high-level disinfection for hard-to-reach surfaces. It provides consistent, uniform disinfection of Non-critical and Semi-critical medical devices, heat-sensitive items and select electronics at greater than 99.999% efficiency.



FEATURES

Biocidal Efficacy - GloTran™ kills pathogens, spores & other microbes¹: 99.999%+

Cycle Time²: 15 - 20 minutes

Reaches hard to reach places, and micro-scratches for thorough treatment

Automated, Low Temperature, No-contact, Dry Disinfection Cycle

SPECIFICATIONS

Dimensions (inches)	36w X 23d X 30h
Weight	360 lbs (163.7kg)
Chamber Diameter	11.75 in / 20 in depth
Chamber Volume	35 Liters
Maximum Chamber Load	15 lbs
Disinfection Temperature	25°C ± 5°C
Reagent/ Disinfectant ³	35% Stabilized Medical Grade H2O2 Only
Power Supply	115V AC, 60Hz, 20A (Wall-mounted single-phase duplex power outlet required)
Maximum Power Rating	1800 W

1 Touch-Screen Control Panel

- Simple, one-click start with minimal user interaction required.

2 Fast Entry Door

- Safety Feature: Dual Safety Switch Interlocks with door position sensors.
- Hinged opening with manual T-Bolt Closure.

3 Disinfection Chamber

- Easily accommodates multiple items.
- GloTran™ Load Tray allows easy placement and removal of items.

4 No-Touch Infection Control

- Touch-less and fully contained Germicidal Injection System.
- No human contact with chemical sprays or aerosols.
- Hydrogen Peroxide vapor directly contacts items, evenly covering the entire surface.
- Hydrogen Peroxide Monitor: Monitors hydrogen peroxide containment within the interior of the disinfection chamber (calibration may be required).

5 GloTran™ Cold Plasma Technology

- RF Generator ionizes hydrogen peroxide plasma.
- Vacuum and pressure monitoring: RF energy is restricted to operation only at a safe vacuum pressure.
- Safety pressure relief valve: Low pressure relief range of 5-7 PSIG. ISO 4126-2 compliant.
- Plasma energy mechanically cleans the surface at the microscopic level.
- Aerosolized, gaseous, and ionized hydrogen peroxide provide hydroxyl free radicals leading to the killing of pathogens on all exposed surfaces.



¹ Scientific data available upon request.

² Cycle time depends on load size and porosity of items.

³ The end user is responsible for sourcing the 35% Hydrogen Peroxide.