



## Amity HP 75

# A Peroxide based High Level Disinfectant for Flexible Endoscopes & Medical Devices Technical Information

### Description & Application:

Amity HP 75 is a powerful peroxide based high level disinfectant Ready-to-Use solution for use in Automated Endoscope Reprocessors (AERs) and other automated decontamination systems. It is suitable for the disinfection of flexible endoscopes and medical devices.

Amity HP 75 is designed to be used in Amity Airdecon machines for environmental and surface decontamination.

Amity HP 75 Solution is registered as Class IIB Medical Device

Primary features attributable to Amity HP 75 are;

- Active ingredient: Hydrogen Peroxide (HP);
- Glutaraldehyde free;
- No noxious odours or irritating effects;
- Reuse Period: Single use;
- HLD claim: 10 to 20 minutes at 30°C;
- No Activator Required;
- Corrosion Inhibitors: Yes.

Amity HP 75 is a single use liquid chemical HLD solution and contains corrosion inhibitors and water softeners.

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### Applications

Amity HP 75 is intended for HLD of critical and semi-critical, heat sensitive medical devices in AERs. Amity HP 75 is intended for single use at 30°C or until the HP is below the MEC of 850ppm.



Certificate No. GB06/69741



Certificate No. GB06/69740



**Infection  
Controlled**

Please read and follow the instructions for use and precautionary statements contained on the label and MSDS.

## **Compatibility**

Amity HP 75 HLD is suitable for use on all types of flexible endoscopes, heat sensitive instruments and medical devices.

List of compatible materials:

Metals	Plastics	Elastomers
302 Stainless Steel	Teflon	ABS
316 Stainless Steel	Polyester	Viton A
410 Stainless Steel	Polystyrene	Nitrile
Chromium Plate (on steel)	Polycarbonate	Silicone
Inconel	Polypropylene	Neoprene
Aluminium	Polyethylene	Natural Rubber
	Acrylic	
	PVC	
	Nylon 6, 6-6, 12	

The compatibility of Amity HP 75 has been carried out by conducting intensive exposure tests with the use solution. In addition biocompatibility testing has been conducted in order to demonstrate the rinsing of the chemical components from the flexible endoscopes.

## **Health and Safety**

Amity HP 75 solutions are classed as biodegradable in accordance with OECD criteria.

Amity HP 75 is classed as being Non-hazardous however users should wear proper eye protection and chemical resistant gloves when handling these solutions.

Contact with skin and eyes should be avoided.

Avoid breathing or ingesting mist, vapour or liquid droplets. Prepare and use only in well ventilated areas.

See relevant Material Safety Data Sheets for details.

## **Typical Properties Amity HP 75**

Appearance	Transparent, Colourless liquid
Odour	Odourless
pH,	2 to 4 units (Neat solution)
Density, g/cm <sup>3</sup> @ 20 °C	1.01 (neat)
Solubility in water	Completely miscible
Flash Point (Abel closed cup)	Non-flammable

**Shelf Life:** Not less than 24 months in unopened original containers when stored between 5 °C and 25 °C out of direct sunlight.

## Test Compliance

- EN 13704 Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas
- EN 13727 Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics
- EN 13624 Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in the medical area
- EN 14347 Chemical disinfectants and antiseptics - Basic sporicidal activity
- EN 14348 Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants in the medical area including instrument disinfectants
- EN 14476 Virucidal quantitative suspension test for chemical disinfectants and antiseptics used in human medicine
- EN 14561 Quantitative carrier test for the evaluation of bactericidal activity for instruments used in the medical area
- EN 14562 Quantitative carrier test for the evaluation of fungicidal or yeasticidal activity for instruments used in the medical area
- EN 14563 Quantitative carrier test for the evaluation of mycobactericidal or tuberculocidal activity of chemical disinfectants used for instruments in the medical area

## Directions for Use

Amity HP 75 Solutions are supplied as Ready to Use products.

### Application:

#### **For Cleaning of Endoscopy instruments and equipment in Automated Endoscope Reprocessors:**

Amity HP 75 Solutions should be applied at % ( ml/L) at 30°C for 10 to 20 minutes in AER and then rinse with water.

A recommended cleaning cycle is set out below and ideally RO water should be used for all phases:

Phase	Time	Temp.	Solution	Dosage
Rinse	3 min	-	-	-
Wash	5 min	35-55°C	Viruzyme	5ml/L or 0.5%
Rinse	3 min	-	-	-
Disinfection	10 to 20 min	30°C	Amity HP75	ml/L
Rinse	3 min	-	-	-
Rinse	3 min	-	-	-
Dry				

*Drying time and temp according to the machine manufacturer*

### General Notes:

Do not add other chemicals to the Amity HP 75 solutions as they can seriously impair the performance.

Containers and basins used to contain the cleaning process must be resistant to acids as must be the sinks and pipes, through which the working solutions of Amity HP 75 solutions are discharged.

After HLD, instruments must be rinsed thoroughly with water, dried and then stored correctly.

## **CONTACT DETAILS:**

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## **Packaging Details:**

Amity HP 75 Solutions are available in the following packaging.

- 2.5 L Sealed Canister container
- 5L Container supplied as 4 x 5 L box