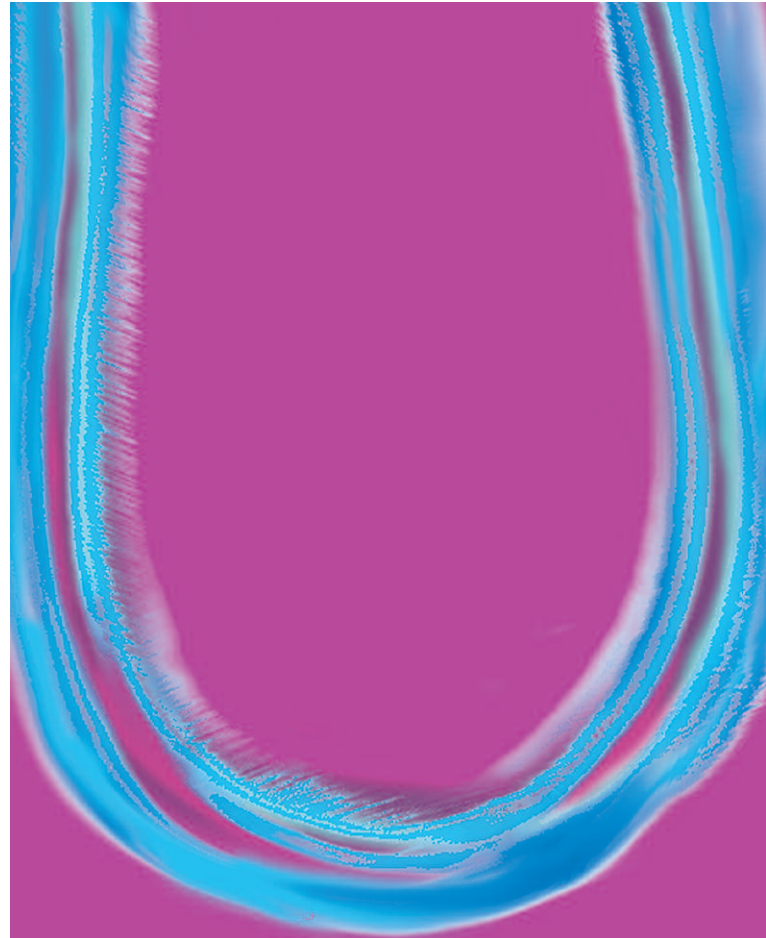


Tristel

Duo



Cleaning and sporicidal
disinfectant for
**intra-cavity
ultrasound probes**

User Guide

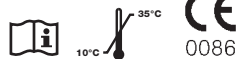
CONTACT DETAILS

Tristel Solutions Limited
Cams, CB8 7NY, UK

Telephone: +44 (0)1638 721500
Website: www.tristel.com

United Kingdom Patent number:
GB 2 422 545 B

International Patent Application pending:
WO 2006/079822



TRI/DUO/061/Issue 1

TRISTEL DUO FOR ULTRASOUND

Tristel Duo for Ultrasound combines cleaning with high-level disinfection in one simple process for the decontamination of intra-cavity ultrasound probes. Tristel Duo Foam is sporicidal.

Tristel Duo makes it possible to meet infection control guidelines for ultrasound equipment such as those set out in the paper entitled "An investigation of the microbiological contamination of ultrasound equipment" published in The British Journal of Infection Control, August 2006, Volume 7, Number 4.

APPLICATIONS AND USES

Cleaning and high-level disinfection of invasive ultrasound probes including Transrectal and Transvaginal probes. Tristel Duo for Ultrasound can also be used for ultrasound equipment such as monitors, keyboards and probe holders whenever the highest standard of decontamination is required, for example after contact with a known/suspected infected patient.

BIOCIDAL PERFORMANCE

Tristel Duo Foam utilises Tristel's patented chlorine dioxide chemistry. Tristel Duo Foam is sporicidal, mycobactericidal, bactericidal, virucidal and fungicidal with a contact time of only 30 seconds. It has been extensively tested to validate its biocidal performance. Many organisms, including *Bacillus Subtilis* spores and *Mycobacterium Terrae*, have been tested, both to the European Standard suspension tests and with a standardised methodology that involves the inoculation of surfaces with the test organism.

Contact Tristel Solutions, your local distributor, or visit the Tristel Website for details such as safety data sheets, microbiological test data and reports.

HOW TO USE

Step 1

Disinfect hands immediately before and after each patient contact.

Step 2

Put on gloves.

Step 3

Remove the transport locks that stop the pump being depressed in transit. It is recommended that these are retained and replaced after using the Duo Foamer.

Step 4

If the Duo Foamer is being used for the first time, depress the pump two to four times to prime the Foamer. When primed, depress the pump once to dispense one 0.8ml aliquot of chlorine dioxide foam onto the surface.

Step 5

Use a paper towel or a wipe to disperse the Duo Foam over the surface to be cleaned and disinfected.

Step 6

Discard the paper towel/wipe used to clinical waste. Do not re-use.

Step 7

Leave the surface to dry to ensure a 30 second contact time.

THE TRISTEL CHEMISTRY

Tristel Duo for Ultrasound utilises chlorine dioxide, a well-documented, highly effective and safe biocide. The chemical symbol for chlorine dioxide is ClO₂. Chlorine dioxide is a powerful oxidising agent and is rapidly effective against all micro-organisms, including spores.

The Duo Foamer incorporates two separate compartments that contain the Tristel Base and Activator solutions that create chlorine dioxide when mixed. This occurs when you depress the pump. A jet of foam is dispensed on the surface where it is dispersed by a paper towel or a wipe. A controlled level of chlorine dioxide is generated instantaneously and contained within the Duo Foam.