

# Infection Control and Maintenance Guidelines



## For Bedfont® ToxCO® Device

Before using any of the above equipment, the Operating Manual should be read and fully understood.

### Infection Control

Washing hands before and after testing is highly recommended for both operator and user as part of a sensible infection control regime.

The device uses a SteriBreath™ Eco mouthpiece that connects to the device via a D-piece™. SteriBreath™ Eco mouthpieces are single-use only as re-use can increase the risk of cross-infection.

The D-piece™ contains a one-way valve to prevent patients drawing air back from the device. An integrated infection control filter removes and traps > 99% of airborne bacteria and > 97% of viruses<sup>1</sup>.

Bedfont® recommends that the D-piece™ is replaced every 28 days or if visibly soiled. The D-piece™ cannot be sterilised as this process may affect the positioning of the valve. It is possible that saliva can build up inside the D-piece™ if they are not replaced regularly, which may over time affect the valve and efficacy of the filter material.

It is preferable that, where possible, the user attaches their own SteriBreath™ Eco mouthpiece to the D-piece™ before the breath test, and detaches and disposes of it once the test is complete.

Whilst the user is exhaling, the operator should avoid positioning themselves in front of the exhaust port of the device.

### Routine maintenance

See the operating manual for full maintenance instructions.

The D-piece™ requires changing at least every 28 days or if visibly soiled. A reminder will appear on the ToxCO® start-up screen.

Batteries should be replaced when indicated. They should be removed if the instrument is not likely to be used for some time.



**Bedfont® Scientific Ltd.**  
Station Road, Harrietsham, Maidstone,  
Kent, ME17 1JA England  
Tel: +44 (0)1622 851122 Fax: +44 (0)1622 854860  
Email: ask@bedfont.com Web: www.bedfont.com

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**Rx**only



MD 502905

# Infection Control and Maintenance Guidelines



## Calibration

- The ToxCO® should be calibrated with 50 ppm CO in air; an onscreen reminder will display every 6 months, however the ToxCO® should be calibrated at least once a year.
- It is recommended that only Bedfont® calibration gas is used; the unit may give false readings if not calibrated.

## Cleaning

Wipe the external surfaces of the instrument with a product specifically developed for this purpose. The device should be cleaned for initial use and after each patient use. Bedfont® recommends wiping the instrument and D-piece™ external surfaces between each patient with an alcohol-free wipe specifically designed for this purpose. A list of approved wipes can be found here: <https://www.bedfont.com/cleaning-bedfont-devices>

**NEVER** use alcohol or cleaning products containing alcohol or other organic solvents as these vapours will damage the sensor within the instrument. Under no circumstances should the instrument be immersed in or splashed with liquid.

### Contact Bedfont® or your local distributor for replacements:

SteriBreath™ Eco single-use mouthpiece for use with the D-piece™  
D-piece™ bacterial filter for use with the SteriBreath™ Eco mouthpiece  
AA alkaline batteries

This document is for guidance only.

#### REFERENCES

1. Public Health England. An Evaluation of Filtration Efficiencies Against Bacterial and Viral Aerosol Challenges. London: Public Health England; 2017.

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Station Road, Harrietsham,  
Maidstone, Kent, ME17 1JA, UK

Tel: +44 (0)1622 851122

Fax: +44 (0)1622 854860

Email: [ask@bedfont.com](mailto:ask@bedfont.com)

[www.bedfont.com](http://www.bedfont.com)

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ITEM	DIMENS.	CORNER RADIUS	DETAILS/COLOUR
BODY	148 X 210mm		WHITE, Bedfont Blue C 100 M65 Y00 K60 (20%)
TEXT			Bedfont Blue C 100 M65 Y00 K60

ISSUE	DESCRIPTION	DATE	SIGNATURE 1	SIGNATURE 2
1	Initial Release	30/04/2019	KC	NS
2	Updating CE mark and BSI logo due to audit regulation requirements	26/11/2020	KC	NS
3	Add manufacturer symbol next to bedfont address, add EC rep with Steve Rowe details, and add links to other language downloads.	24/01/2022	KC	NS
4	Update to remove AzoMax wipes and add new wipes statement	10/08/2022	KC	NS
18	Update to remove EC rep, update to remove 'Steritouch®', Change monitor to device, update Steribreath to ECO, issue to match english	27/09/2024	AW	NS



<b>DRAWN BY:</b> Amy Williams	<b>DATE:</b> 27/09/2024
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