

Infection control and maintenance guidelines



For the Bedfont® ToxCO® monitor

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 monitor uses a SteriBreath™ mouthpiece that connects to the monitor via a D-piece™. SteriBreath™ 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 monitor. An integrated infection control filter removes and traps >99% of airborne bacteria² and >99% of viruses¹.

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™ 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 instrument.

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.

Calibration:

- The ToxCO® should be calibrated with 50ppm 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. AN EPA registered alcohol free disinfectant should be used, such as Sani-Cloth AF3 Germicidal Disposable Wipe. Cleaning should be performed following the instructions for use specified by the manufacturer of the EPA registered disinfectant.

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™ single-use mouthpiece for use with the D-piece™
D-piece™ bacterial filter for use with the SteriBreath™ mouthpiece
OneBreath™ single-use bacterial filtered mouthpiece
Alcohol-free instrument cleansing wipes
AA alkaline batteries

FRANÇAIS: Pour télécharger les principes relatifs à l'entretien et au contrôle des infections en Français, veuillez consulter www.bedfont.com

DEUTSCH: Um Richtlinien zur Infektionskontrolle und Wartung auf Deutsch herunterzuladen besuchen Sie bitte die Homepage www.bedfont.com

ESPAÑOL: Para descargar las Directrices de Control de Infecciones y Mantenimiento en español, visite www.bedfont.com

ITALIANO: Per scaricare le guida per il controllo delle infezioni e la manutenzione in italiano, visitare il sito www.bedfont.com

NEDERLANDS: Ga naar www.bedfont.com om de richtlijnen voor infectiebestrijding en onderhoud te downloaden in het Netherlands

This document is intended for guidance only.

REFERENCES

1. Public Health England. An Evaluation of Filtration Efficiencies Against Bacterial and Viral Aerosol Challenges Report No. 17/001. London: Public Health England; 2017.
2. Public Health England. An Evaluation of Filtration Efficiencies Against Bacterial and Viral Aerosol Challenges Report No. 20/045C.

Our family, innovating health, for yours.

Bedfont® Scientific Ltd.

Station Yard, Station Road, Harrietsham, Kent, ME17 1JA, England
Tel: +44(0)1622 851122 Fax: +44(0)1622 854860 Email: ask@bedfont.com

Issue 2 – October 2020. Part No: LAB286_USA_TOXCO Copyright © 2020 Bedfont® Scientific Limited.
Bedfont® reserves the right to change or update this literature without prior notice. Registered in England and Wales. Registered No: 1289798



MD 502905

Rx Only