



## Handheld breath CO monitoring tool for use in smoking cessation.

Touchscreen. Calibration-free. 5-year warranty.

The Bedfont piCO™ Smokerlyzer® breath CO monitor is an essential tool used by stop smoking clinics and health advisors in order to help motivate smokers to quit the habit. The device features a large touchscreen colour display with a simple user interface for complete ease of use.



**Large, colour touchscreen**  
Highly intuitive operation with icon-based navigation

**On-screen readings and traffic light interpretation**

**Made with SteriTouch®**  
Built with an antimicrobial surface that kills bacteria on contact. Great for infection control.

**No calibration required and 5-year warranty**

Use with confidence without the need to calibrate the device. Uses re-usable d-piece and single-use Steribreath® mouthpiece.



With just one touch of a button, a user can perform a test following the on-screen prompts for when to inhale, exhale and when to stop. The device analyses the amount of carboxyhaemoglobin (%COHb) and carbon monoxide levels (ppm) present in a breath sample with results displayed in seconds. PPM and %COHb values are shown as well as the familiar green, amber and red traffic light system providing the user with a visual interpretation of results.

The piCO™ Smokerlyzer® can also be connected to a PC via USB cable using the free COdata+ software. The software allows the input of patient data, capture of readings whilst the device is connected to the PC, storing of results, interpretation and reporting. (USB cable not included).

Designed with infection control in mind, the plastic casing of the device is made using SteriTouch® technology, a material that eradicates 99.9% of harmful bacteria on contact. Using the latest in sensor technology, the piCO™ Smokerlyzer® does not require calibration however verification gas and kits are available to check the status of the monitor if required. The device comes complete with a 5-year manufacturer's warranty for added peace of mind.

The device uses a re-usable, multi-patient D-piece combined with Bedfont's patent pending Steribreath® single-use mouthpieces. Steribreath® mouthpieces are available in boxes of 250 and are individually sealed for optimal infection control.

**intermedical**  
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## Technical Information

|                                     |   |
|-------------------------------------|---|
| Device category                     | CO Breath Monitor   |
| Concentration range                 | 0-150ppm  |
| Display                             | Full colour touchscreen                                     |
| Detection principle                 | Electrochemical Sensor                                      |
| Accuracy (Repeatability of reading) | < 3%  |
| H2 cross-sensitivity                | <5%   |
| T90 Response time                   | ≤17 seconds   |
| Batteries                           | 3 x AA (LR6 or equivalent) alkaline batteries               |
| Operating temperature range         | 10-40°C (storage 0-50°C)                                    |
| Operating humidity                  | 10-90% (storage 0-95%) non-condensing                       |
| Sensor operating life               | 5 years   |
| Sensor sensitivity                  | 1ppm  |
| Dimensions                          | Approx. 34 x 75 x 140mm                                     |
| Weight                              | Approx. 200g including batteries                            |
| Warranty                            | 5 Years   |
| Construction: Body                  | Polycarbonate/ABS blend, SteriTouch anti-Microbial additive |
| Construction: D-piece               | Polypropylene   |

## Ordering Information

| Intermedical Code | NHS SC Code | Bedfont piCO™ Smokerlyzer®   |
|-------------------|-------------|--|
| 1420004N          | FDD4407     | Includes: Bedfont piCO™ Smokerlyzer®, Pouch, User manual, Quick start guide, Interpretation Chart Poster |

| Accessories & Consumables |         |  |
|---------------------------|---------|--|
| 1420040                   | FDD3681 | Steribreath® Mouthpieces (Box of 250)        |
| 1420015/3                 | FDD3226 | D-pieces (Pack of 12)                        |
| 1420016                   | FDD4241 | Alcohol-free wipes (Pack of 50)              |
| GO-27083                  | -       | Alcohol-free Hand Sanitiser (50ml)           |
| 1420111                   | FDD3227 | 20ppm reference gas kit, 12 litre            |
| 1420112                   | FDD4249 | 20ppm reference gas kit, 110 litre           |
| 1420102                   | FDD4244 | 20ppm reference gas canister only, 12 litre  |
| 1420104                   | FDD4246 | 20ppm reference gas canister only, 110 litre |

