



# RoadBOX

SLIMLINE ROADSIDE NOX AIR QUALITY MONITORING STATION

## **The widest choice of NOX and NO2 analysers**

Step 1: choose your analyser

Step 2: choose your communications method

Step 3: choose your preferred finance option



# RoadBOX

## 3 STEPS TO A BETTER NOX MONITORING SOLUTION

### STEP 1

#### CHOOSE THE NOX OR NO2 ANALYSER TO BEST SUIT YOUR NEEDS AND BUDGET

- T200 Chemiluminescent NOx Analyser
- T200UP Chemiluminescent Trace level
- NOx Analyser with Photolytic Convertor
- T500U CAPS NO2 Analyser



T200 Chemiluminescent NOx Analyser

### STEP 2

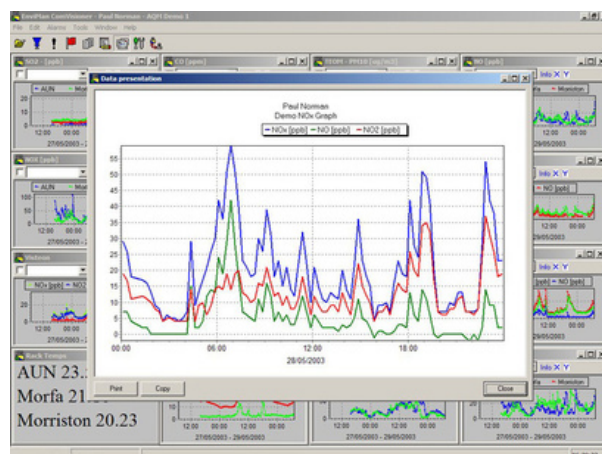
#### CHOOSE ONE OF OUR FLEXIBLE COMMUNICATIONS METHODS

- GSM
- GPRS/3G
- LTE/4G
- LAN/Ethernet

### STEP 3

#### CHOOSE THE FINANCE OPTION

- Outright purchase
- Leasing
- Managed Service Contract



Data collection via landline, GRPS/GSM or internet

## Why choose RoadBOX?

Developed with over 30 years practical experience in the air quality monitoring business, Enviro Technology has introduced the RoadBOX compact air quality monitoring system. RoadBOX offers local authorities and industrial clients alike, a small, compact, self-contained solution for roadside, kerbside and fenceline air quality monitoring applications. Finding a suitable site at the roadside and obtaining any necessary planning permission can often be a problem. The RoadBOX has been designed therefore to take up the very least amount of space in-situ and to be as unobtrusive as possible.

Available in a number of colours, sizes and formats.



- Typical pavement footprint just (0.3m<sup>2</sup>)
- Designed to blend in with surroundings

## User benefits

- Reduced or even NO Local Site operation visits
- Long-life sample inlet filters (6 -12 months)
- Automatic calibration options
- Small, compact, discreet design - very small pavement footprint (0.3m<sup>2</sup>)
- Easy access for operation and maintenance
- NO<sub>x</sub> and NO
- 2 measurements using 'reference method' MCERTS approved
- high accuracy, high precision instruments. (No electrochemical or MOS Sensors).





# Technical specifications

**Dimensions:** 1300mm (H) x 300mm (D) x 1030mm (W)

**No. of analysers:** 1

**Example type of analyser:** NO<sub>x</sub>

**Air conditioner:** Yes

| Analyser      | Lower Detectable Limit                 | Range                                                                                                  | Benefits                                                                                  |
|---------------|----------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| T200          | 0.4 ppb                                | 0-50 ppb to 0-20 ppm<br>user selectable                                                                | MCERTS and DEFRA approved                                                                 |
| T200UP        | <50 ppt NO<br><100 ppt NO <sub>2</sub> | 0-5 ppb to 0-2 ppm<br>user selectable                                                                  | Ultra low level                                                                           |
| T500U<br>CAPS | 0-5 ppb to 0-1 ppm<br>NO <sub>2</sub>  | 0-5 ppb to 0-1 ppm<br>user selectable                                                                  | Direct NO <sub>2</sub> measurement                                                        |
| T204          | 0.4 ppb NO<br>2.0 ppb O <sub>3</sub>   | 0-50 ppb to 0-20 ppm<br>NO user selectable<br>0-50 ppb to 0-1000<br>ppb O <sub>3</sub> user selectable | Combined NO <sub>x</sub> & O <sub>3</sub><br>MCERTS and DEFRA approved (NO <sub>x</sub> ) |