**Table S2.** The Specifications of Gas Analyzer

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Range** | **Accuracy** | **Resolution** |
| O2 | 0-25 vol.% | ± 0.2 vol.% | 0.1 vol.% |
| CO | 0-500 ppm | ± 2 ppm (0-39.9 ppm) | 0.1 ppm |
| CO2 | 0-50 vol.% | ± 0.3 vol.% + 1% of reading | 0.01 vol.% |
| NO | 0-3,000 ppm | ± 5 ppm (0-99 ppm) | 1 ppm |
|  |  | ± 5% of reading (100-1,999 ppm) |  |
|  |  | ± 10% of reading (2,000-3,000 ppm) |  |
| NO2 | 0-500 ppm | ± 5 ppm (0-99 ppm) | 0.1 ppm |
|  |  | ± 5% of reading (100-500 ppm) |  |