

Supplement of Earth Syst. Sci. Data, 12, 3529–3544, 2020  
<https://doi.org/10.5194/essd-12-3529-2020-supplement>  
© Author(s) 2020. This work is distributed under  
the Creative Commons Attribution 4.0 License.



*Supplement of*

## **Year-round record of near-surface ozone and O<sub>3</sub> enhancement events (OEEs) at Dome A, East Antarctica**

**Minghu Ding et al.**

*Correspondence to:* Minghu Ding ([dingminghu@foxmail.com](mailto:dingminghu@foxmail.com))

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.

## Supplementary materials

**Table.S1 The specifications of the Model 205 2B, Ecotech 9810A and Thermo 49C.**

<b>Instrument performance</b>	<b>Model 205 2B</b>	<b>Ecotech 9810A</b>	<b>Thermo 49C</b>
Measuring Range	0ppb-100ppm	0ppb-20ppm	0ppb-200ppm
Weight (kg)	2.2	21	15.9
Working flow (L/min)	>1.2	$0.5 \times 10^{-3}$	1~3
Data storage (lines)	14336	50400	115200
Working temperature (°C)	0-50	5-40	0-45
Indication error (ppb / d)	<1 ppb/d	<1 ppb/d	<1 ppb/d
Response time (s)	4	60	20
Signal interface	RS232	RS232, USB	RS232 , RS485,RJ45