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# DRM Technic

Suppliers of Gas Analysis Equipment

**BÜNOx 2+  
Gas Converter**

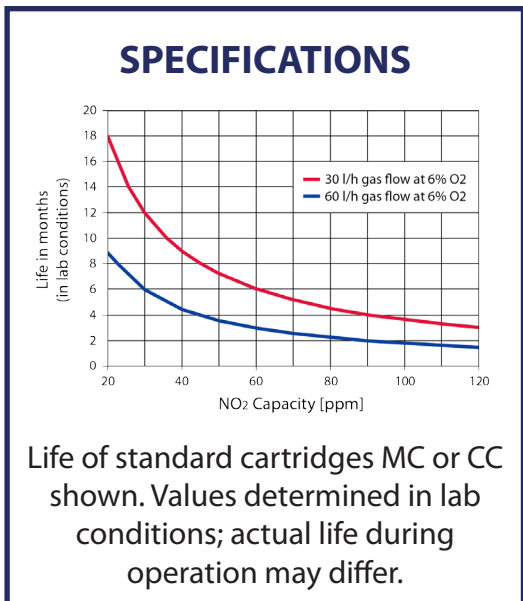
## BÜNOx 2+ GAS CONVERTER

The BUNOX series Gas Converters allow easy detection of NOx components in flue gas (NO and NO<sub>2</sub>).

The BUNOX 2+ is an updated replacement for the current BUNOX. Because they share the same dimensions and connections, they can be replaced one-to-one.



- ### FEATURES
- 19" Mount Housing
  - Maintenance Calculator NOxCal for Service Life Monitoring
  - Optimised Menu Navigation
  - Easy to Replace Reactor Cartridge (Tools Not Needed)
  - High Conversion Rate: > 97%
  - High NO<sub>2</sub> Capacity
  - Low Temperature Operation for High Efficiency
  - Optional Bypass Solenoid Valves
  - Optional Long-Life Cartridges



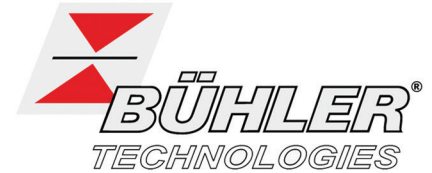
### SPECIFICATIONS

Product No.	BÜNOx 2+
<b>General</b>	
Operating Temp.	400 °C
Ready for Operation	After approx. 30 min heat-up time
Power Supply	115 V AC or 230 V AC; 50/60 Hz
Cartridge Material	Metal (MC) and Carbon (CC) Based
<b>Gas Inlet Conditions</b>	
Sample Gas Pressure	Up to 1.5 bar abs.
Sample Gas Flow Rate	Up to 120 L/h (2 L/min)
Sample Gas Temp.	5 °C to 80 °C
Dew Point after Cooler	< 10 °C
<b>Ambient Conditions</b>	
Ambient Temp.	5 °C to 50 °C (during operation) -20 °C to 70 °C (during storage)
Ambient Humidity (during storage)	< 80% rel. humidity
<b>Signal Inputs and Outputs</b>	
Status Outputs (Service/NOxCal; Operating Mode; Temperature)	Changeover contact max. 230 V AC / DC, 1 A
Analogue Output	Temperature 4-20 mA
Signal Input	Solenoid Valve Control, 24 V DC, 1 mA via external switch
<b>Structural Specifications</b>	
Dimensions (w x h x d)	483 mm x 133 mm x 285 mm
Weight	10.2 kg (approx.)
Protection Class	IP20

CONTACT US: DRM Technic, 4 Cherry Orchard, Newcastle-under-Lyme, Staffordshire, UK, ST5 2UB



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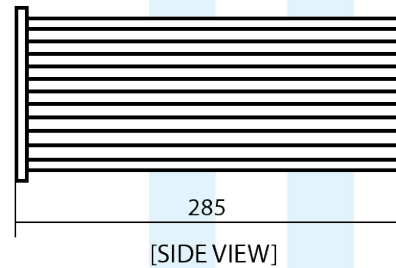
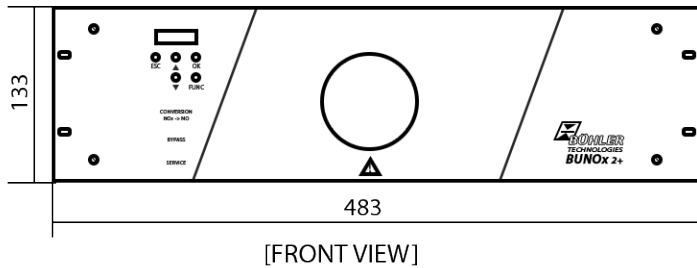


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## BUNOx 2+ TECHNICAL DRAWINGS



All measurements in mm

## BUNOx 2+ REACTOR CARTRIDGE SPECIFICATIONS

Part No.	MC	CC
Filling Material	Metal-Based	Carbon-Based
Life	See Diagram on Previous Page	See Diagram on Previous Page
Conversion Factor NO <sub>2</sub> --> NO	≥ 97% when cartridge is new	≥ 95% when cartridge is new
Max. NO <sub>2</sub> Capacity (at 70 l/h)	300 ppm	120 ppm
Max. Conversion Temp.	425 °C	225 °C

<sup>1</sup> The converter temperature should only be increased if the conversion level drops below 95 % with the cartridge almost depleted

## BUNOx 2+ OPTIONS AND ACCESSORIES

Item No.	Description
553 119 70	MC Cartridge (Metal Based Material; Long-Life Version)
553 199 90	MC Cartridge (Metal Based Material)
553 199 60	CC Cartridge (Carbon Based Material; Long-Life Version)
553 199 80	CC Cartridge (Carbon Based Material)
553 199 992	Set of Gaskets

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