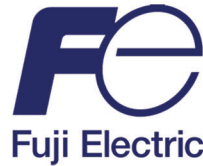




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DRM Technic

Suppliers of Gas Analysis Equipment

BÜNOx 2+ GAS CONVERTER

The BUNOX series Gas Converters allow easy detection of NOx components in flue gas (NO and NO₂).

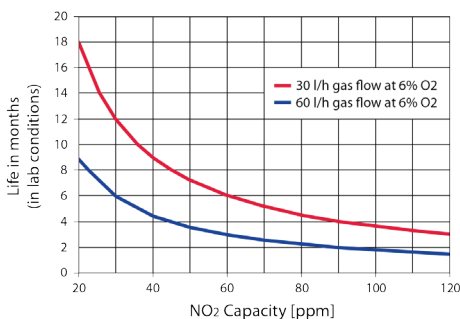
The BUNOX 2+ is an updated replacement for the current BUNOX. Because they share the same dimensions and connections, they can be replaced one-to-one.



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 NO₂ Capacity
- Low Temperature Operation for High Efficiency
- Optional Bypass Solenoid Valves
- Optional Long-Life Cartridges

SPECIFICATIONS



Life of standard cartridges MC or CC shown. Values determined in lab conditions; actual life during operation may differ.

SPECIFICATIONS

| Product No. | BÜNOx 2+ |
|--|--|
| General | |
| Operating Temp. | 200 °C / 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 |
| Gas Inlet Conditions | |
| 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 |
| Ambient Conditions | |
| Ambient Temp. | 5 °C to 50 °C (during operation) -20 °C to 70 °C (during storage) |
| Ambient Humidity (during storage) | < 80% rel. humidity |
| Signal Inputs and Outputs | |
| 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 |
| Structural Specifications | |
| 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

DRM/BUNOX2/12115/002 | Tel: +44 (0) 1782 638491 | Email: sales@drmtechnic.com | Web: www.drmtechnic.com | DRM/BUNOX2/12115/002



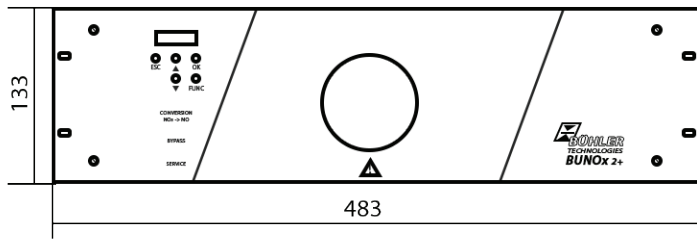
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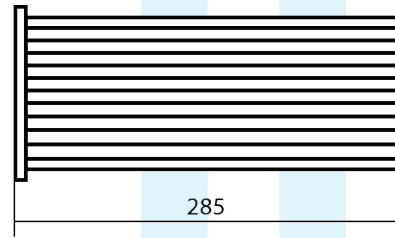
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TECHNICAL DRAWINGS



[FRONT VIEW]



[SIDE VIEW]

all measurements in mm

SPECIFICATIONS

| 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 |

ORDERING INSTRUCTIONS

| Product Characteristic | | | | | | | |
|------------------------|-------------------------------|----|----|---|--|--|-------------------------|
| 553 | | | | | | | BUNOX 2+ |
| | Housing Version | | | | | | |
| | 2 | | | | | | 19" Housing |
| | Solenoid Valves Option | | | | | | |
| | | 00 | | | | | without solenoid valves |
| | | 10 | | | | | with solenoid valves |
| | Power Supply | | | | | | |
| | | | 99 | | | | 230 V AC, 50-60 Hz |
| | | | 98 | | | | 115 V AC, 50-60 Hz |
| | Gas Connections | | | | | | |
| | | | | | | | Standard 6mm |
| | | | | 1 | | | 1/4" |

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