

M&C NO₂ Converter CG-2MH/CG-2



RENTAL AND APPLICATION NOTES:

- CG-2MH has an externally triggered bypass solenoid valve, the CG-2 has a manual one.
- The converter material is molybdenum coated carbon which can easily be replaced without tools.
- Digital display for temperature control and alarming.
- The heated version can be used prior to a gas conditioner to prevent the loss of the soluble NO₂.

SPECIFICATIONS:

- Weight: 6 lbs
- Dimensions: 19" x 5.2" x 13".
- Power: 115 V, 48-62 Hz.
- Temperature Range Max: CG-2MH 600°C, CG-2 500°C.
- Response Time: <3 seconds at 1 L/min flow rate.
- Accuracy: $\pm 1\%$ of full range.
- Ambient Temperature: 10°C - 50°C.
- Storage Temperature: -25°C - 65°C.
- Gas Inlet: CG-2MH heated, CG-2 unheated.
- Gas Flow Rate: max 90 Nl/hr.
- Gas Temperature: CG-2MH max 250°C, CG-2 max 80°C.
- Operating Pressure: max. 2 barr abs.
- Differential Pressure: <20 mbar.
- Relative Humidity: <80%.
- Warm-Up Time: 30 min.
- Conversion Efficiency: >95% with new catalyst.