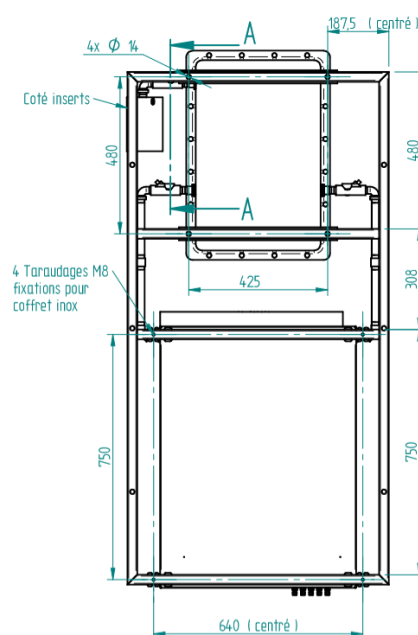
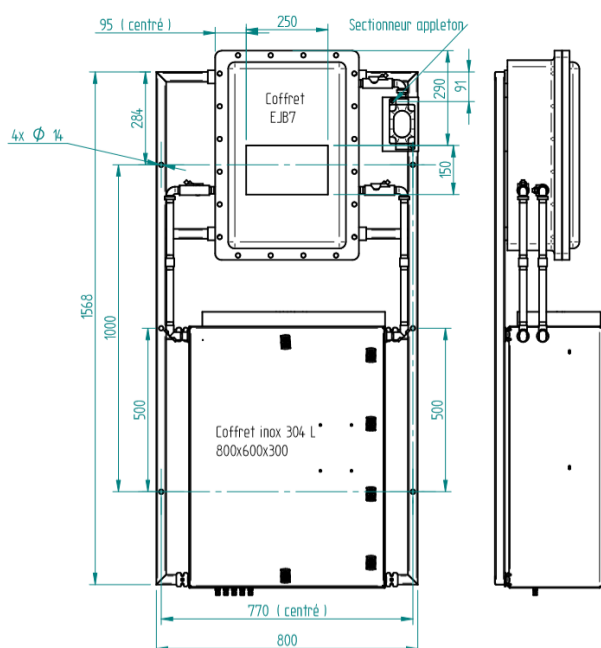


ONLINE ANALYTICAL SOLUTIONS EXPERTS

# Industrial GC 866 Exd

Integration for hazardous area - Exd and Exe cabinets  
 ATEX or IECEx: Zone 1 and 2 - IEC/TS 60079-46 IIB+H2 T4 Gb  
 Ambient temperature range - 10 °C to +55 °C  
 CSA Class 1 Division 2 T4



Model: MEDOR® Exd ATEX

SCAN or CLICK ME



## Main markets

Petrochemical  
 Gas transportation  
 Process



Chromatotec® is specialised in VOC, Sulfur and permanent gases analysis at trace and ultra trace levels (ppm, ppb, ppt).  
 Please visit our website for more details.

Updated: March 2024

# Industrial GC 866 Exd

Integration for hazardous area - Exd and Exe cabinets



## Description:

Exd and Exe cabinets integrate industrial gas chromatograph for the analysis and monitoring of impurities in ambient air, pure gas, natural gas and gaseous fuels.

Display with colour screen is integrated on the front door of Exd cabinet and trackball is fixed on the top of the Exe cabinet for direct access of the analyzer computer without the need to open the cabinet.

With inbuilt gas generator for operating gas and carrier gas, the autoGC is totally autonomous and cylinder free. Only electricity is required for operation.

Internal temperature of the cabinet is monitored by the GC for diagnostic.

## Can integrate the following analyzers:

- TRS MEDOR
- H<sub>2</sub>S MEDOR
- H<sub>2</sub>S TOS MEDOR
- THT MEDOR
- energyMEDOR
- chromaTCD

## Options:

- Multiplexer: 2 to 32 streams
- Electric selection valve to reduce air consumption
- Inbuilt nitrogen generator for hazardous area from instrument air or from external compressor
- Liquid Injection valve for LPG or up to condensate analysis
- Sampling valve for high concentration up to % level
- Internal temperature control system using electric heater / VORTEX / electric peltier cooler ((XXXPelt Ex only for Zone 2)
- 4G module
- Sampling pump (XXX901 ATEX or CSA)
- Thermal insulation (XXX Insul Ex)
- Automatic validation and calibration with internal CALIB
- 24 V DC power supply
- Internal or external multipoint calibration and zero with CALIB MFC, XXXCYL MFC, airmoCAL 200
- Liquid sampling system with pressurized headspace for sulfurs and/or VOC extraction from liquid phase (XXPurge HS)
- Painting of the system for offshore use
- MODBUS RTU / JBUS communication protocol

## Product technical specifications:

### Material:

- Exd: Cast Aluminium Cabinet
- Exe: stainless steel 304 L

### Supervisor:

- Full result storage (data and chromatogram)
- Embedded computer Windows® based with LCD display
- 128 GB of Hardware storage on SSD memory
- 4 USB Connecting Port
- Two RS-232 ports
- Display: 10" TFT Color LCD Touch screen

### Operation Temperature:

- Room with air conditioning: 10 to 25°C
- With thermal insulation: -20 to 40°C (depending on application)
- With thermal insulation and vortex cooler or electrical peltier cooler : -20 to 55°C

### Dimensions:

- Height: 1900mm
- Width: 800mm
- Depth: 600mm

### Weight:

- Net weight without frame: 95 kg (120 kg with frame)

## To order:

XXX060-Exd-ATEX  
XXX060-Exd-IECEX  
XXX060-Exd-CSA

*Chromatotec® is continuously improving its products, therefore these specifications are subject to change without notice*

To contact us: [sales@chromatotec.com](mailto:sales@chromatotec.com)

**NORTH AMERICA**  
Houston - USA

**EUROPE**  
Bordeaux - FRANCE

**ASIA**  
Beijing - CHINA

**WWW.CHROMATOTEC.COM**