



°Catalytic Stripper

POWER & INPUT

100-240 VAC 50/60 Hz 210 W

USB interface - Modbus communication

SPECIFICATION

- 0 - 10 L/min (STP) nominal flow rate
- 350 °C operation temperature
- Oxidation efficiency: 99.99% for Tetracontane (PMP), optimized for minimal solid particle loss at 50 nm and 1 mg/m³ mass.
- Outlet temperature: Ambient + 25 °C

APPLICATIONS

- Vehicle Emissions
- Marine Emissions
- Smoke measurements: E-cigarette, Tobacco
- Toxicological Assessment
- Aircraft turbine measurement
- Black carbon (BC) measurement

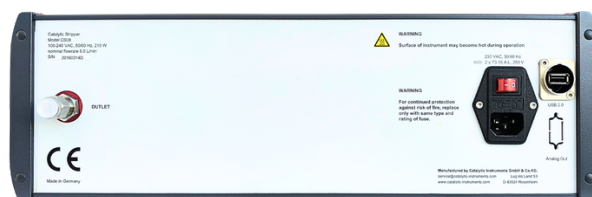
FEATURES & BENEFITS

- Robust measurement of solid material without re-nucleation artefacts, ideal for multiple CPC configurations
- High hydrocarbon oxidation efficiency
- Portable and easy-to-use
- No consumable parts
- Remote data logging via USB
- Annual (PMP) compliance based on requests

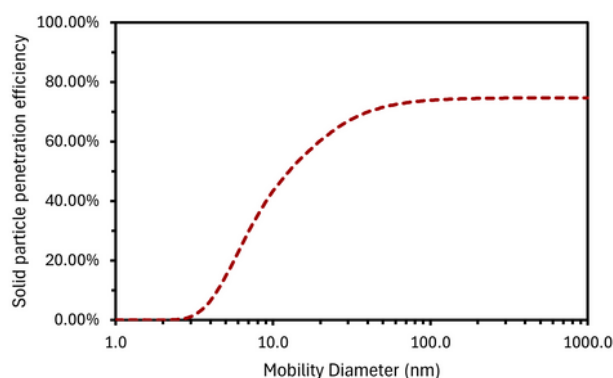
All devices are CE marked and ROHs compliant

The °Catalytic Stripper (CS) is a heated catalytic element used to remove the semi-volatile fraction of an aerosol. Aerosols from fossil fuel combustion contain solid particles and semi-volatile materials. Their characterization helps assess health impacts, combustion technologies, and emission control devices.

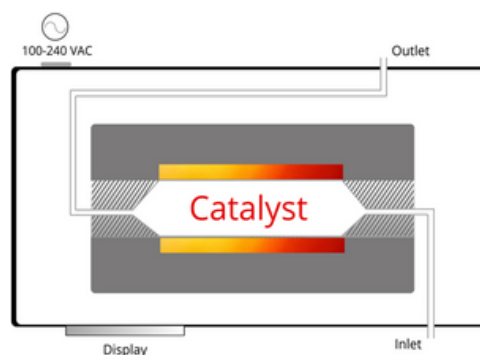
Back view



Typical solid particle penetration curve



Illustration



TO ORDER

CS10 | CS08

H x W x D (mm)

145 x 444 x 245

Weight (kg)

7.6

