

GlobalMRV's Temperature Control Lines

GlobalMRV offers innovative data acquisition systems that monitor real driving emissions (RDE) and vehicle performance for the automotive and transportation industries.

At GlobalMRV, our approach is driven by our belief that comprehensive performance and emissions data —collected from large samples in real-time — transforms how data can be used to drive improvements in development, innovation, and quality.

Our goal is to advance the digital transformation of vehicles' powertrain development by using advanced data capture and analytics technology that's flexible, robust, lightweight, and easy to use.

Utilizing our Temperature Control Lines, exhaust samples can be preserved at an appropriate temperature in any situation. The exhaust sample temperature control allows for greater control of sample conditioning as well as maintaining a proper sample flow in temperatures down to -40 degrees Fahrenheit.

The Temperature Control Lines can be used to maintain a uniform exhaust sample eliminating inaccuracies in CO₂, CO, NO, HC, particulate matter, and particle number (PN) count.

The Temperature Control Line can be used in conjunction with many of our products, including:

- AxionR/S
- AxionR/S+PM
- AxionR/S+NH₃
- Firefly
- Backpack PEMS
- PEMS Cart
- Constant Volume Sampling (CVS) system

Specifications

- Standard Length: 25'
- Variable Length: Upon request
- Power Consumption:
 - 4-13 Amps/hours with 15 Amps max
 - 12 Volts
- Weight: 12 lbs. (variable according to custom lengths requested)
- Advisory: Utilize an approved battery or an appropriate shore power connection

