

A High Temperature Direct Vehicle Exhaust Flowmeter for Heavy Duty Diesel Emission Measurements.

Poster P-08

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Accurate emission measurement requires: Ultrasonic Flowmeter ,1% accuracy

- Commercially available exhaust flowmeters are limited to $<400\text{ C}$
- Heavy-duty diesel exhaust exceeds 600 C
- Ceramic ultrasonic transducers are designed for high temperatures:
- HDD ultrasonic exhaust flowmeter has no limitations for engine size or load

