The Engine Emissions Specialists
Raw exhaust sampling

in-cylinder HC measurements

cycle-by-cycle HC measurement

Sub-zero sampling capable

Intake manifold sampling

FID

AK protocol

1 ms $T_{10-90\%}$ response time

Max. 2 kHz data equivalent
Raw exhaust sampling
in-cylinder NO\textsubscript{X} measurements
cycle-by-cycle NO\textsubscript{X} measurement
Sub-zero sampling capable
Intake manifold sampling

CLD
AK protocol
6 ms $T_{10-90\%}$ response time
Max. 300 Hz data equivalent

Fast Response NO\textsubscript{X} Analyzer
www.cambustion.com
sales@cambustion.com
Raw exhaust sampling
in-cylinder CO$_x$ measurements

cycle-by-cycle CO$_x$ measurement

Sub-zero sampling capable
Intake manifold sampling

NDIR detector
AK protocol
8 ms $T_{10-90\%}$ response time
Max. 250 Hz data equivalent
CAMBUSTION DMS50 Fast Particulate Size Spectrometer

Nucleation mode burst produced by transient lift-off in real world driving: measured by DMS50 in the plume of the vehicle.

- Raw exhaust sampling
- Intake manifold sampling
- Sub-zero sampling capable
- AK protocol
- 200 ms $T_{10-90\%}$ response time
- Particle Number
- Particle Mass
- Particle Size
- PM2.5 capability
- 10 Hz data
Diesel Fueled
Accelerated testing
Light to Heavy Duty
20 g/hr max loading rate
Unattended operation
Canned / uncanned filters

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