

BOGAP ENGINEERING



NOX SENSOR UREA INJECTION



OE-level calibration
data consistent with
the original manufacturer



High-quality ceramic chip
long lifespan and
high reliability



Independently designed circuitry
enhanced electromagnetic
interference resistance



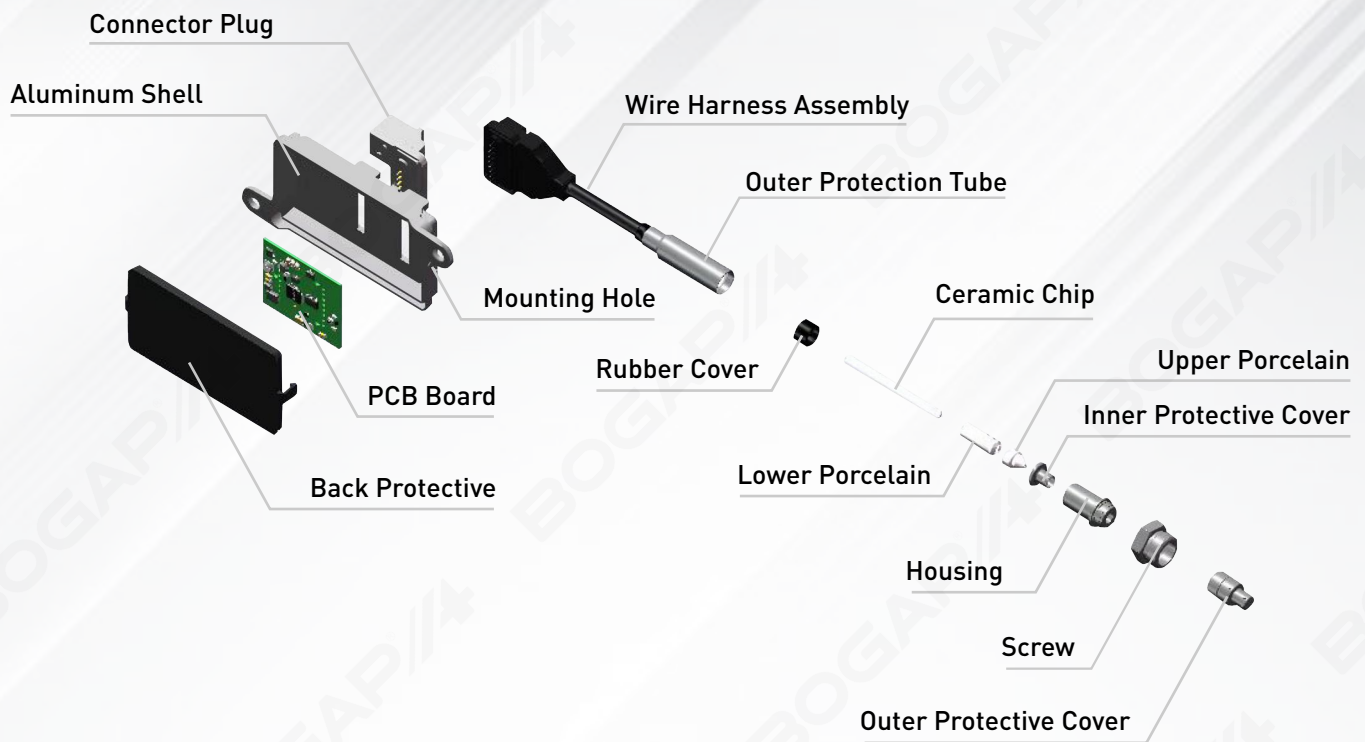
**Vehicle tests under
various road condition**
performance consistent with OE



**Sensor operates
perfectly**
with no fault codes



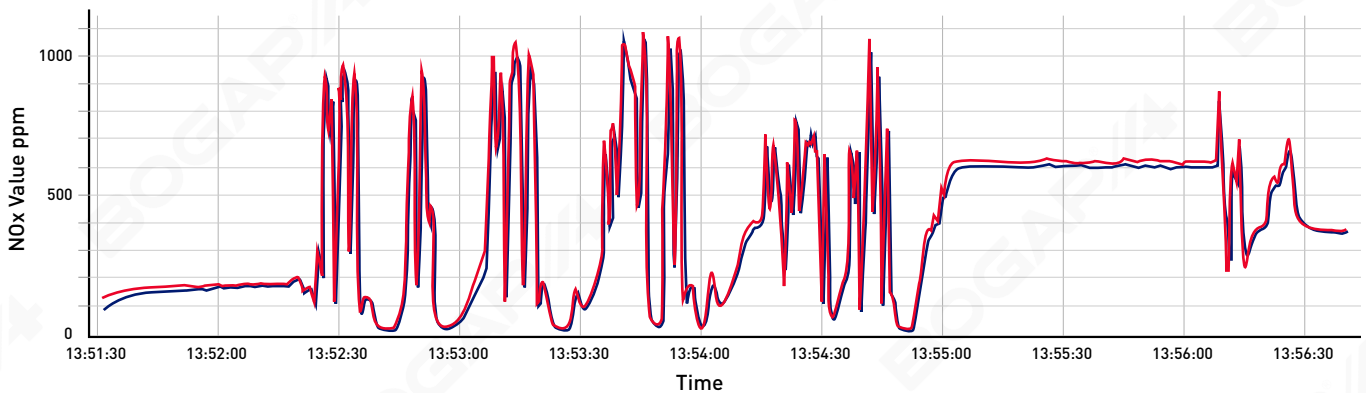
Adaptive algorithm
chip quickly reaches stable operating state
with high acquisition accuracy



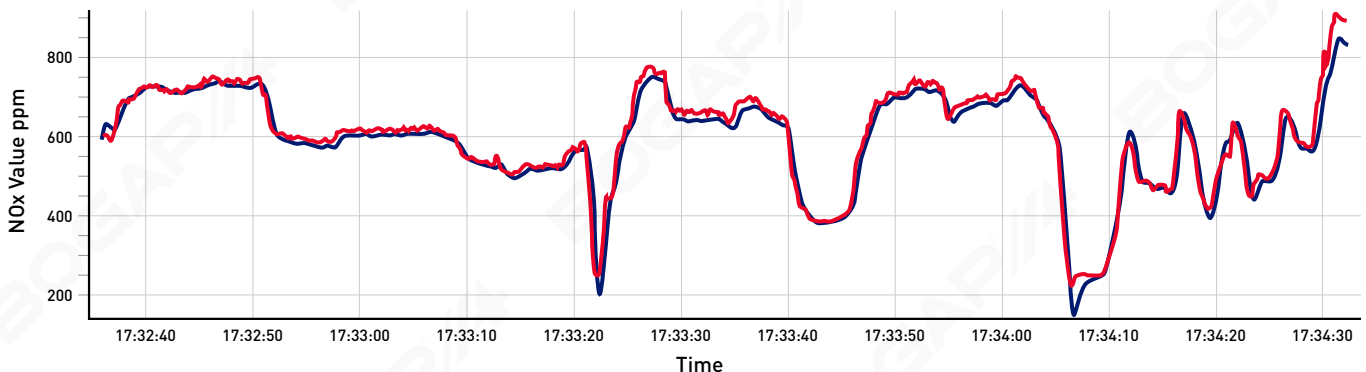
PRODUCT PERFORMANCE TEST

The Bogap product is almost identical to the original product in terms of performance and response time. In terms of performance, the measurement accuracy is as low as 1% FS, and the built-in temperature compensation algorithm ensures stable output across the entire temperature range, extending its service life. In terms of response speed, the response time of the Bogap sensor is as low as 1ms, enabling real-time capture of instantaneous gas concentration changes, providing more accurate and efficient sensing capabilities for high-dynamic scenarios such as engines and intelligent monitoring.

Urban Road Performance Comparison Test



High Altitude Performance Comparison Test



BOGAP — OE —