

NEWS RELEASE**For immediate use****University Project in Korea****Immediate success for Dasan, Signal's new representative for educational automotive emissions projects.**

Signal Group has always successfully supported the educational needs of universities and colleges in the field of engine research and development. Based on Signal's extensive experience, Dasan (the latest addition to their global sales representative network) has been awarded two projects by INHA University, based in Incheon, Korea.

The University's Automotive Engineering Department required an engine emissions analysis system for post-graduate research projects based on both Gasoline and Diesel fuelled engines. Signal supplied their MaxSys 900 Raw Emissions Analysis System and Sampling System and their engineers completed the on-site installation, commissioning and training.

The analyser system is now a part of the containerised engine test cell and provides measurements of THC, CH₄, NO/NO_x, CO, CO₂ and EGR CO₂. A Heavy Duty Heated Front End Filter (FEF) Model 346 was installed adjacent to the exhaust sample takeoff point and a heated sample line used to transport the exhaust to the analyser system.

The system control utilises a PC based server running the Model 102v4 bench control software developed by Signal specifically for automotive emission testing. All the required test schedules and bench commands are controlled via a test cell computer system devised by INHA using their LAN.

The second system was for vehicle testing and certification projects the University are conducting on behalf of the Korean Government's Ministry of Environment. Signal supplied their MaxSys 970 CVS System and 910 Dilute CVS / Bag Analysis System. Again the Installation, commissioning and training was completed on site by Signal and Dasan engineers. This certification centre's test schedules and certification reports are generated and controlled by an OEM Cadet system again supplied by Signal as a total 'turnkey solution' for INHA.

These projects are the latest addition to the educational university users group which include the Birmingham City University Technology Innovation Centre, University of Southampton and University College London.

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