

Automotive Testing Expo China 2008, China

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We joined forces with two of our subsidiaries, A&D Technology Inc. and A&D Technology Trading (Shanghai) Co.,Ltd., to set up an exhibit at the Automotive Testing Expo China 2008, which was held at the Shanghai Everbright Convention & Exhibition Center in Shanghai, China, from September 17th to 19th.



This automotive testing expo is an annual event and it has gained considerable popularity among R&D and test engineers in the automotive industry. More than 240 exhibitors from around the world and an enormous amount of visitors from all over China attended the exhibition.



We displayed some of our main products/solutions and gave the attendees a glimpse of a prototype for one of our new products.

Engine Test Bench

We displayed our state-of-the-art engine test bench as well as some of our development software, including iTEST, Orion and Andromeda. Members of our team operated and demonstrated a virtual vehicle on the Andromeda, highlighting the capabilities of its LA#4 mode. ORION was also on display as our team illustrated to a small crowd our streamlined measurement process in ECU calibration.

We were pleased with the enthusiasm our displays generated and delighted to have had the opportunity to field questions directly from visitors.



Rapid Prototyping System: AD5450, AD5440 and EDU

Our Rapid prototyping system is built for diesel combustion R&D and injection control algorithm development. The primary device is the Electric Driving Unit (EDU), which actuates injectors and controls up to six injectors by outputting high currents. With the EDU, the user can configure the injector's operation timing and operation period, and test new injection algorithms instead of real ECU.



Rotational Torque Sensor (RTS)

This sensor measures force and torque in a rotating shaft. A&D brought along a miniature demonstration kit to showoff the device as you can see from the following picture. This was a real eye-catcher at our booth.



Wheel Force Sensor (WFS)

As the name suggests, the WFS is a sensor used to measure the amount of force in a wheel or tire. One application for the WFS is to examine/measure the kind and amount of force added to a wheel when you drive a vehicle. Our WFS is lighter, and more accurate and robust than conventional products.



The WCA mini, AD3661: A portable noise and vibration analysis system

This is A&D's latest noise and vibration analyzers and one of the industries most advanced. The benefits of the WCA mini are obvious: small (130mm(W) x 130mm(D) x 30mm(H)), light (330g) and functional. It can be operated using a USB bus power and does not need an AC power adaptor. This means that today's engineer no longer needs to lug a heavy power device and can measure noise and vibration wherever they go. The WC Amini goes where you go. We also showed off the latest WCA pro software and the newly developed WCA Lite software, which is easy for beginners to use.



Phoenix: New online combustion analysis system

Officially, the Phoenix is still under development, but we gave visitors at our booth a sneak peak of a prototype and emphasized its high performance and reasonable price plan. A&D will launch Phoenix in early 2009.



We are grateful to those guests that visited our booth this year and look forward to seeing all of you again next year. A&D is going to have a booth at Automotive Testing Expo China 2009. For details, please click on the following link: <http://www.testing-expo.com/china/>