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## Press Release

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### **New Calorimeters Can Make Natural Gas Trade More Fair Contributing to the natural gas trade as it gains in importance worldwide**

Tokyo, June 1, 2012 - Azbil Corporation announces the availability on June 1 of GasCVD™ natural gas calorimeters. Accompanying the global increase in demand for natural gas, the calorimeters are designed to promote fair trade.

GasCVD is a natural gas calorimeter that measures the calorific value (roughly, the heating power) of natural gas. The calorific value varies depending on the country or region from which the gas comes. Unlike existing natural gas calorimeters or gas chromatographs, GasCVD is compact, lightweight, high accuracy, and offered at a low price.



#### **[Features]**

##### **■ Low price and fast response**

GasCVD is provided at 1/5 to 1/20 the price of a general gas chromatograph.

Its response time is less than 30 seconds, which is more than 10 times faster than that of a general gas chromatograph.

##### **■ High accuracy**

To verify fairness in trade, this unit has acquired certification as an OIML R 140 class B calorific value determining device (CVDD) for natural gas (OIML R: International Recommendation of the International Organization of Legal Metrology) as well as WELMEC (European Cooperation in Legal Metrology) MID MI-002 certification, indicating measurement with  $\pm 1$  % accuracy. Specifications not covered by OIML and WELMEC also meet high accuracy standards.

##### **■ Reduced total cost**

GasCVD is compatible with simpler sampling equipment than that which is used with gas chromatographs. Using this unit, customers can reduce the total cost of measuring natural gas calorific value.

For June 1 release on the European market, in addition to OIML and WELMEC certification, this unit is certified as flameproof explosion-proof (ATEX and IECEx). For October release on the Asian market, including Japan, this unit is equipped with a compensation function for calorific value adjustment to meet Japanese standards, and has TIIS flameproof explosion-proof certification.

GasCVD natural gas calorimeters will be displayed at the 25th World Gas Conference (Kuala Lumpur, Malaysia, June 4–8, 2012).

Note: GasCVD is a trademark of Azbil Corporation.

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