

SETARAM INSTRUMENTATION leading manufacturer of Thermal Analysis and calorimetry instruments **introduces new thermal analysers**

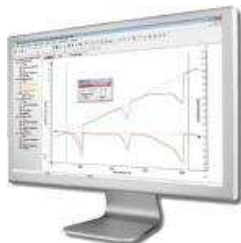
1/ NEW HIGH PRESSURE μ DSC7 evo for GAS HYDRATES STUDIES:

High pressure calorimetry, is an ideal tool for investigating the formation and dissociation of gas hydrates, for determining the kinetics of transformation, and for evaluating the different thermodynamic parameters. The HIGH PRESSURE μ DSC7 evo, developed UNDER IFP's LICENCE (French Petroleum Industry) PA WO 2006/129018 A2 is specially designed for this field of investigation.

2/ NEW THERMAL ANALYSIS SOFTWARE FOR ANY DSC TGDTADSC TMA:

The new CALISTO software has been written from the ground up, and includes more than 100 features requested by customers. Among them: a "fit to Word or PowerPoint" enabling the user to modify the curves directly for Word or PowerPoint document for smart publication or presentation, highly intuitive operation, help through video, intelligent baseline construction and peak separation through an advanced deconvolution module.

You can use the huge possibilities of CALISTO processing to treat the datas of your thermal analyser, even non SETARAM



See videos in <http://www.setaram.com/Thermal-Analysis-Software.htm>

3/ NEW EVO LINE THERMAL ANALYSERS FOR MATERIALS CHARACTERIZATION:

The NEW **EVO line** from Setaram allows the integration of different sensors, DSC, TGA, DTA, STA and MicroDSC.

The line of instruments includes a whole host of technical innovations, including a new symmetrical TGA that delivers sensitivity and stability never seen on systems up to 1600 °C. Additionally a new **3D high-precision Cp sensor®** has been developed specifically for Cp measurement giving precision of better than 2%, a big jump from the 10-15% typically offered up until now.

The new **EVO line** includes:

- **DSC131 evo**, Differential Scanning Calorimetry from -170 to 700°C
- **SENSYS evo DSC**, Differential Scanning Calorimetry from -120 to 830°C, up to 500 bars at 600°C
- **SENSYS evo TG-DSC**, Simultaneous TGA and 3D DSC from -120 to 830°C
- **LABSYS evo**, TGA, DTA, DSC, simultaneous TGA-DTA, TGA-DSC, 3D high-precision Cp sensor®
- **μ DSC3 evo**, Microcalorimetry from -20°C to 120°C



4/ PCT PRO2000 GAS SORPTION ANALYSER TO CHARACTERIZE HYDROGEN STORAGE MATERIALS

high performance gas sorption scientific instruments for the ever-expanding field of clean renewable energy research, acquired from HY ENERGY US Company:

for testing gas sorption properties of materials including hydrogen absorbing alloys, complex hydrides, and high surface-area hydrogen and other gas sorption materials. Hy-Energy's analytical instruments also offer solutions in the field of food packaging (gas permeability) and catalysis (chemical and petrochemical industry..

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For more details visit SETARAM at Booth 129 BDH in ARAB LAB 2009 DUBAI

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About Setaram Instrumentation – Inspiring Imagination for material science

SETARAM Instrumentation (Caluire, France) is a leading manufacturer and supplier of high performance thermal analyzers, calorimeters, gas sorption and high pressure mass spectroscopy instruments. With a wide range of temperature and pressure, SETARAM Instrumentation offers complete and dedicated solutions for different applications such as Pharmaceuticals & Life Sciences, High Temperature materials, Nuclear, Hydrogen, Oil and Gas, Process Safety.

Visit www.setaram.com

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For more information:

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Pictures are available under request.