

Euro Support Testing Services

Euro Support Catalysts Group

We have been active in the sales and toll manufacturing of adsorbents, catalysts support materials and catalysts since 1987.

Starting out as a trading company for catalyst supports and adsorbents, with our headquarters in the historical city center of Amersfoort (The Netherlands), we extended our activities to the manufacturing of custom catalysts relatively early on at the catalyst production facility in Litvinov (Czech Republic).

To firmly establish our position in the area of custom catalyst manufacturing, Euro Support Manufacturing Czechia s.r.o. was founded in 2000. Full ownership of the Litvinov catalyst plant was obtained in 2003. Since then we have invested continuously to upgrade the flexibility and capacity of our production facilities as well as our research and testing capabilities.

In 2005 we set up a USA branch based in Baton Rouge, Louisiana.



The Euro Support Group is highly experienced in the production, analysis and testing of a wide range of inorganic catalysts, support materials, catalyst intermediates, commercial catalysts, raw materials and selective adsorbents.



We enjoy working in close cooperation with our customers and believe in the concept of bringing together the expertise in research and technology from both partners to ensure excellent products and quality. We firmly believe that this concept enables our customers to develop novel formulations and facilitates scale-up to full-size commercial production.



Euro Support Testing

Long years of experience in catalyst research, a thorough know-how of catalyst production, close contacts with academic centers and a wide range of test facilities make Euro Support the partner of choice in the development of your products and markets. Our services cover refinery and petrochemical processes as well as sulfur related chemistry.

Laboratories

Euro Support's laboratories, based in Litvinov, Czech Republic, offer you technical support in:

- The development of new catalysts, adsorbents and processes,
- Improvement of existing products,
- Marketing of products and processes

Test Facilities

Our test facilities, running in 24 hours per day operation, cover the following processes.

Refinery/Petrochemical processes

- Hydrotreating
- Hydrogenation
- Reforming
- Visbreaking
- Direct-Hydration of Ethylene and Propylene
- Hydro refinement
- Watergas shift (LT,HT)
- Isomerization
- Hydrogenolysis



Services

Sulfur related processes

- Claus conversion
- COS/CS₂ hydrolysis
- H₂S oxidation to sulfur
- Oxidation of organic sulfur compounds
- SO₂ reduction
- Hydro-desulfurization
- Absorption processes: H₂S scavenging, removal of organic sulfur compounds, etc.
- Flue gas desulfurization

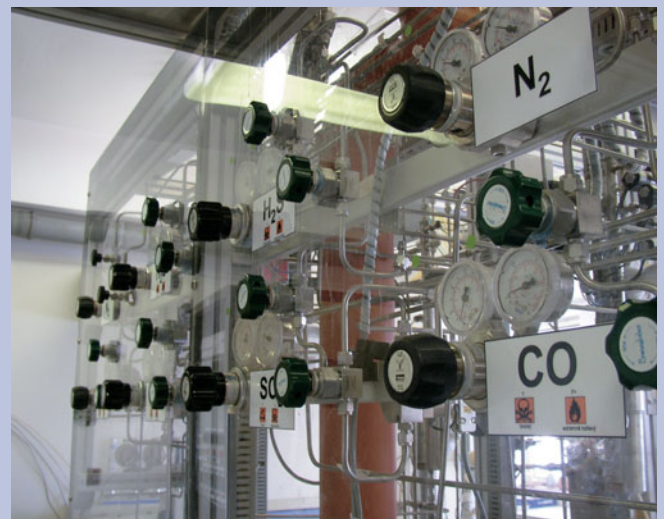
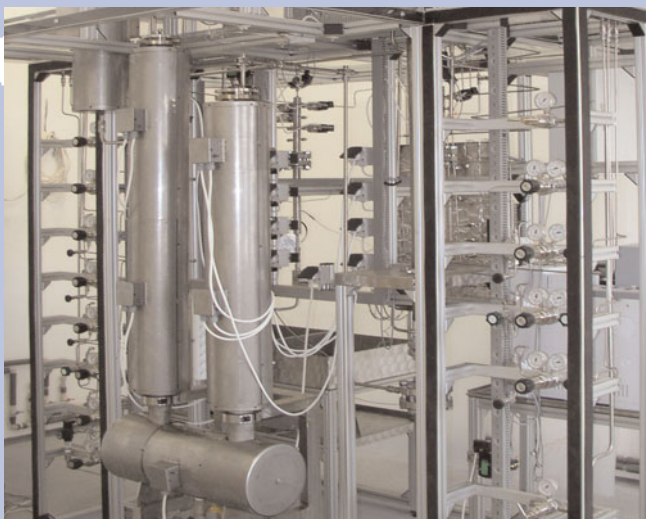
Characterization

- Specific surface area (nitrogen adsorption)
- Pore volume (mercury, water, nitrogen)
- Chemical composition (elemental analysis)

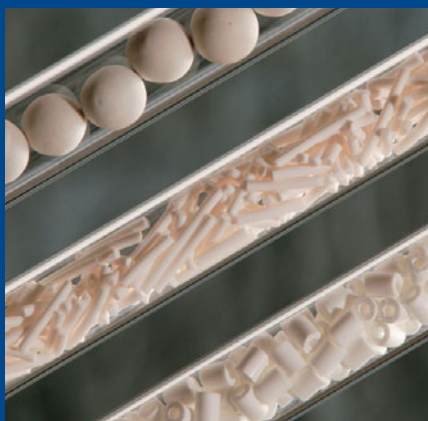
- Density
- (Bulk) Crushing strength
- Abrasion and attrition
- Thermo-gravimetric analysis
- Electron microscopy, transmission as well as scanning with elemental analysis

Our production facilities can provide support to our testing services by supplying laboratory and pre-production catalyst samples.

**euro
support** 



OUR TESTING SERVICES



SUPPORT OF

- Development
- Improvements
- Marketing

APPLICATIONS

- Refinery
- Petrochemical
- Sulfur related processes

CAPABILITIES

- Automated test units
- 24hr Operation
- Micro and bench scale
- High and low pressure
- Characterization facilities
- Catalyst samples production

Can we help you ?

Please contact us ! We would gladly discuss your ideas and requirements.

Head Office

Euro Support Catalysts Group b.v.

Kortegracht 26

3811 KH Amersfoort

The Netherlands

Tel. +31 (33) 465 0465

Fax +31 (33) 465 0721

e-mail: info@eurosupport.nl

Testing and Manufacturing

Euro Support Manufacturing Czechia, s.r.o.

DS 18, areál Chemopetrol, a.s

436 70 Litvínov-Záluzí 1

Czech Republic

Tel. +420 476 16 3344

Fax +420 476 16 2677

e-mail: info@eurosupport.cz

North American Office

ASM Catalysts, LLC

18310 Old Trace Drive

Baton Rouge, LA 70817

USA

Tel. +1 (225) 752-4276

Fax +1 (225) 751-9025

e-mail: info@asm-catalysts.com

visit us at www.eurosupport.nl

