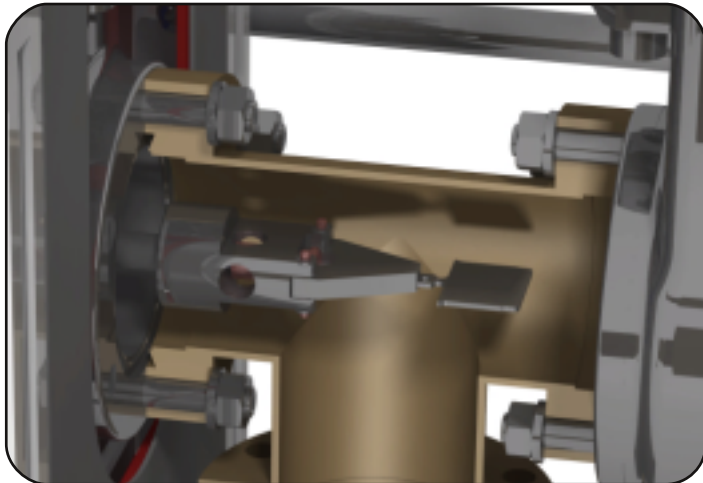


## SIS :: RELAUNCH

### Sample Interchange System

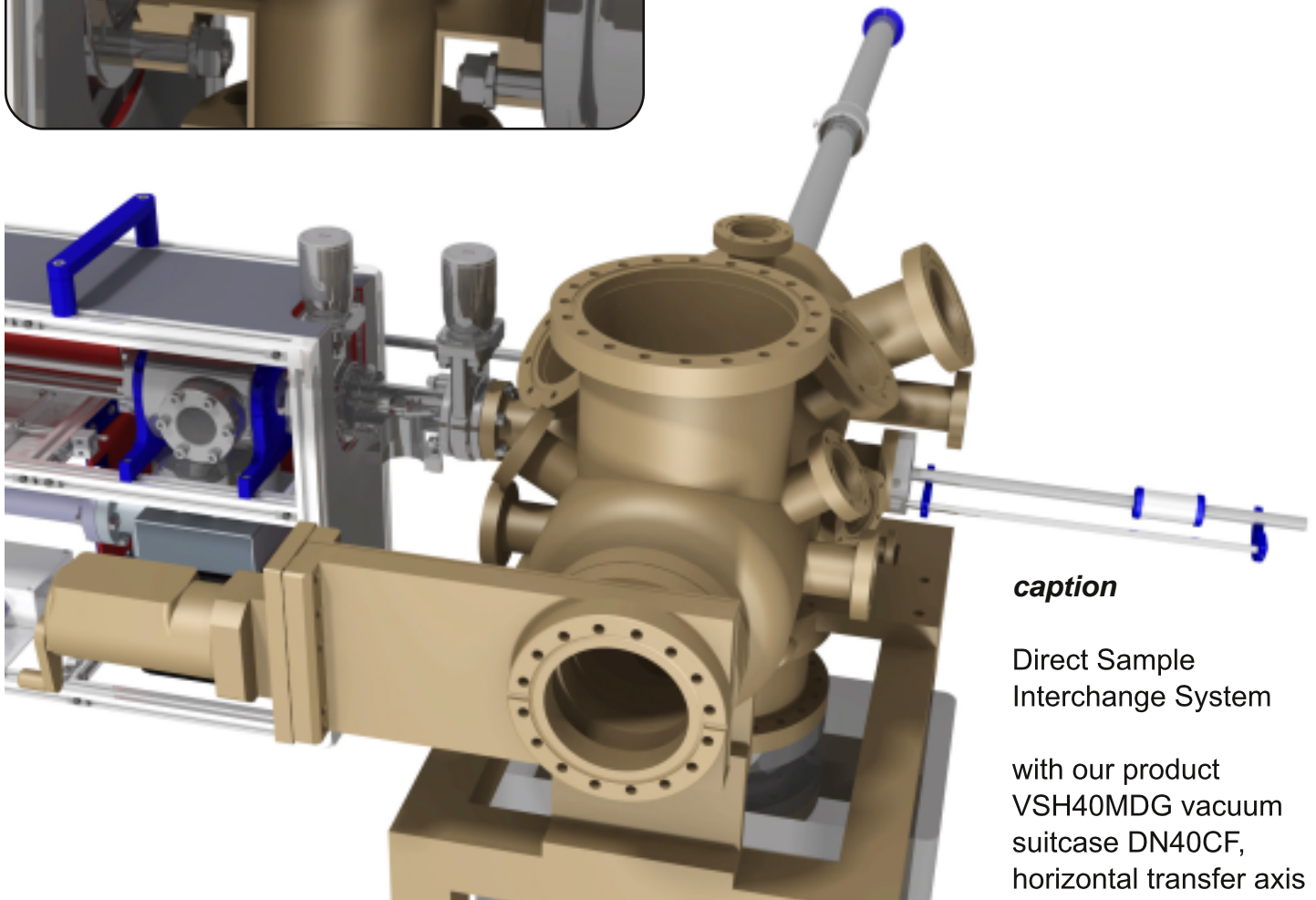
The exchange of samples under UHV-conditions from one instrument to another, even from one Institute to the other, becomes increasingly important. We build compact, battery powered vacuum-suitcases including all necessary manipulation and sample handling equipment.

Today, the systems developed by us are fully compatible with 14 different analysis and surface treatment instruments from 9 different manufacturers installed in 3 different countries. For this purpose a special new universal sample holder was designed that can plug onto the native CARRIER of the individual UHV-system. Thus, the sample transfer system of the instruments can remain more or less unchanged.



### Specifications

- sample storage and transport under UHV conditions ( $P < 10^{-9}$  mbar)
- docking stations for existing systems
- battery powered HV-supply for ion pump
- handling of almost all possible sampleholder styles
- including bakeout equipment



### caption

Direct Sample Interchange System

with our product VSH40MDG vacuum suitcase DN40CF, horizontal transfer axis

# FERROVAC GMBH

ULTRA HIGH VACUUM TECHNOLOGY

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WWW.FERROVAC.COM

PHONE +41 44 273 16 38

## *captions right*

Sample interchange system through modified  
load lock

with customer designed vacuum suitcase  
DN40CF, vertical transfer axis

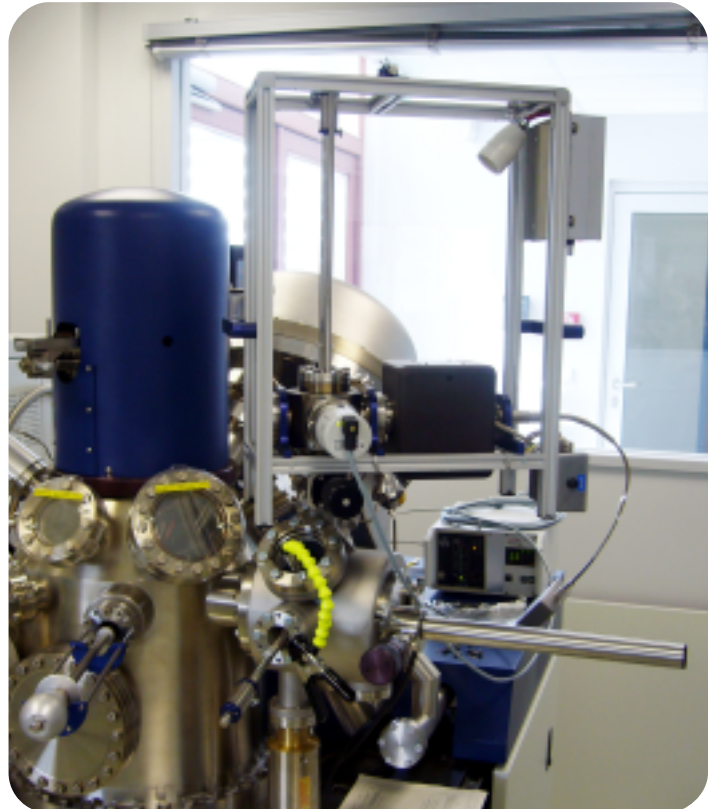
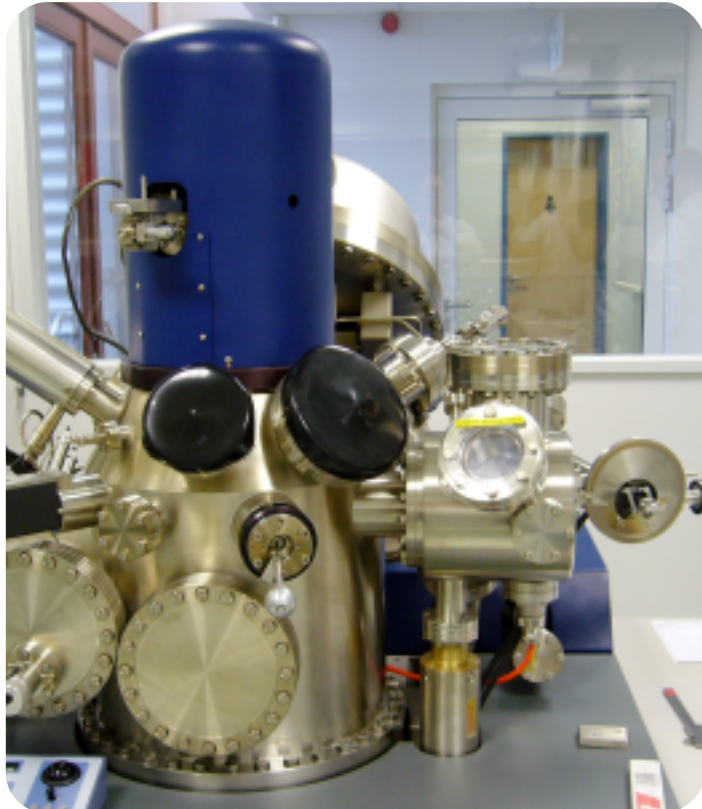
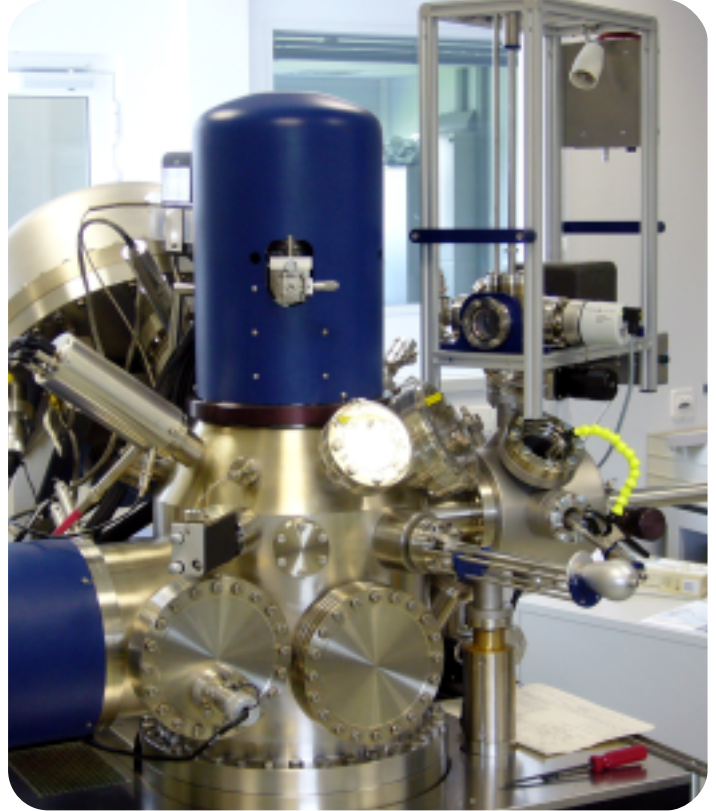
Customer designed vacuum suitcase at the  
Centre de Recherche Public - Gabriel Lippmann,  
Belvaux - Luxembourg



Centre de Recherche Public  
**Gabriel Lippmann**

## *caption below*

Scanning Auger system with original (left) and  
modified UHV-suitcase compatible load lock (right)



## Ordering Information

SIS

Please do not hesitate to contact us for further information.

REV 20110112

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