

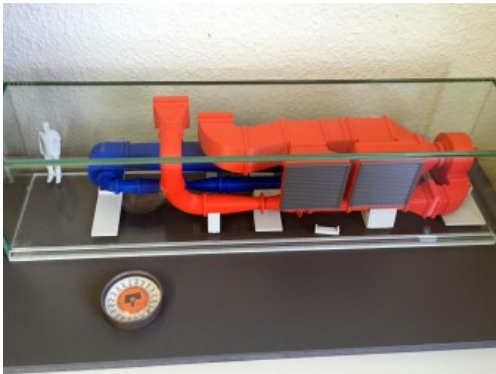


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**INNOVATIONS  
AND TRENDS**

## Flexible laboratory test rig for testing air conditioning systems



The mobile climatic test chamber LUDEK in the model

DB Systemtechnik GmbH, the Deutsche Bahn engineering and testing service provider, has developed LUDEK, a flexible laboratory test rig for testing and developing air-conditioning systems. At the InnoTrans 2018, the company will present the model of the new test rig. LUDEK supplies all the temperature ranges necessary for checking the cooling function of an air conditioning system, up to an outside temperature of 45 degrees Celsius. The test technology is integrated into a mobile 40-foot sea container – which is about 12 meters long and about 2.40 meters wide. Thus, if required, the laboratory test stand can also be used directly by customers.

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Subject to further change