

BET Specific Surface Area Analyzer

Special BELSORP-mini II for Core/Monolith Samples



Monolith 형태로 제작된 core catalyst sample (지름 약 2.5 cm) 의 비표면적을 측정하기 위하여 특별히 제작된 BELSORP-mini II의 sample cell과 LN₂ dewar를 소개해드립니다. 상담을 통해 sample의 형태에 적합한 sample cell과 dewar를 주문제작하실 수 있습니다. 제품에 대한 문의사항이 있으시면 언제든지 연락주십시오. 감사합니다.

(주)솔텍트레이딩

Soletek Trading Co., Ltd

Special BELSORP-minill for core samples

This document is to inform our distributors of the special BELSORP-minill we sold recently.

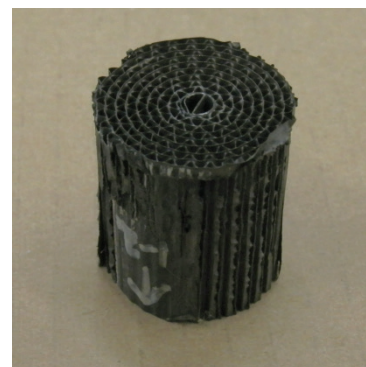
Application

The customer would like to evaluate the core samples of catalytic converters. The catalytic converter consists of three parts;

- 1) The catalyst support or substrate (core).
- 2) The washcoat. A washcoat is a carrier for the catalytic materials and is used to disperse the materials over a large surface area.
- 3) The catalyst.

The customer would like to evaluate the surface area of the catalyst as it is dispersed on the metal foil monolith.

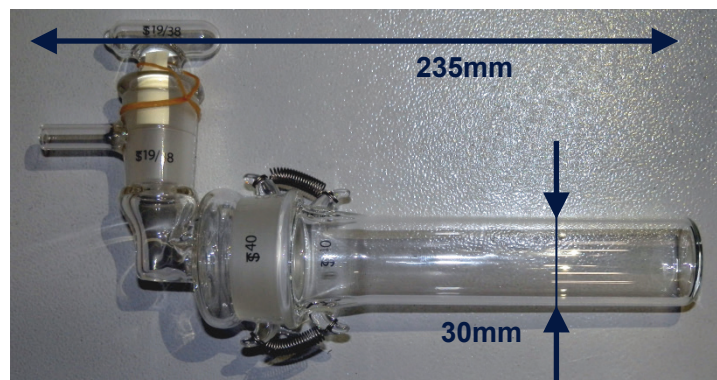
The diameter of the sample is 25.4mm and the height is 15mm.



Special BELSORP-minill

The sample cell

The sample cell was designed so that the core sample can be put in the cell. The sample cell is with a glass stop cock, but if the cock is not necessary, we can design the sample cell without the cock.



BELSORP-minill

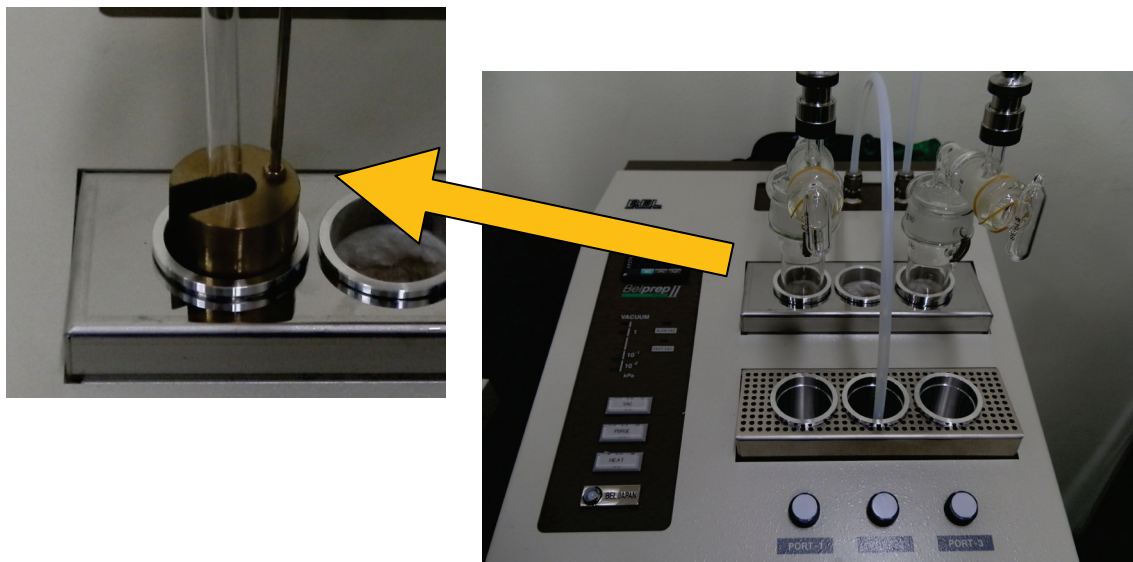
The Dewar vessel for the special BELSORP-minill has a wide mouth, and its height is short. The Dewar vessel is for the sample cells for core samples. There is not enough space for three sample cells at the measurement port. Two special sample cells can be installed. The standard Dewar vessel can be used, and then, three samples can be measured simultaneously.



BELPREP-vacII

www.nippon-bel.co.jp/index_e.html

Needless to say, the BELPREP-vacII should have the wide mouth. When a standard sample cell is used, metal spacer is necessary to transfer the heat from the heater.



Regarding the price, the delivery and detailed information, please ask BEL.