

**TECHNICAL BID  
ADVANCED ROCK PROPERTIES**



科智恒远（北京）科技有限公司

**Cochi (Beijing) Technology Limited**

地址：北京市亦庄荣京东街3号荣京丽都B座1116室

电话：400-655-2188 手机：13811662287 QQ：1175751188

邮箱：info@cochi.com.cn 网址：www.cochi.com.cn

ITEM	QUANTITY	CAT No.	DESCRIPTION
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**CORE CHECK PLUGS**

The stainless steel check plugs are used as a standard to calibrate equipment and, therefore, accuracy is imperative. Calibration Plugs are available in 1” and 1 ½” diameter sizes. The external stainless steel shell protects the porous media and allows pressurization to **maximum** of 2,000 psig. Five plugs are presently considered a set, and they should cover a range of properties as approximated below. Each set number with A, B, C, D, and E designating the various properties. They are used with the Ultra-Perm series of steady-state air permeameters to check the calibration of the system and to verify the data produced.



**1 Inch Example**

Sample No.	Permeability (K)	Porosity (∅)	Micron Pore Size	Hole Size
135A	3-15 md	2.5%	.1	1/16
135B	20-30 md	4.0%	.5	1/16
135C	70-90 md	10.0%	.5	1/8
135D	90-150 md	25.0%	.5	1/2
135E	1000+ md	35.0%	2.0	5/8

**3020184**      **1” Diameter Calibrated Check Plugs, Permeability, Set of 5 with case**

**3020057**      **1.5” Diameter Calibrated Check Plugs, Permeability, Set of 5 with case**

Note: If subjected to pressure in excess of 2,000 psi check plugs apparent permeability will be irretrievably altered.

These calibration plugs are not primary standards and have been tested by Core Laboratories Instruments using customary testing methods. However, given the inherent uncertainty in any laboratory test method, Core Laboratories Instruments does not represent the accuracy of such results. In any case, the maximum liability Core Laboratories Instruments will have arising in connection with the purchase and/or use of these calibration plugs is limited to the price received by Core Laboratories Instruments from such buyer.

**Option**

30mm Calibration Plugs

45mm Calibration Plugs