

# 检测报告

## Test Report

报告编号  
Report No. ROCKB202209055

产品名称  
Product Name 80F/100R 1000psi 球阀  
80F/100R 1000psi Ball Valve

委托单位  
Customer 无锡科磊阀业有限公司  
Wuxi Coreline Valve Co., Ltd.  
中国江苏省无锡市锡山区鹅湖镇鹅湖工业园新  
园路 210 号

委托单位地址  
Customer's Address No.210 Xinyuan Road, Ehu Industrial Park, Ehu  
Town, Xishan District, Wuxi, Jiangsu, P. R. China

试验起始日期  
Date Started 2022 年 10 月 17 日  
October 17, 2022

试验结束日期  
Date Finished 2022 年 10 月 17 日  
October 17, 2022

浙江岩石机械检测有限公司  
Zhejiang Rock Mechanical Inspection and Testing Co., Ltd.



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通讯地址：浙江省温州市永嘉县瓯北街道和一工业区

Address: Heyi Industrial Zone, Oubei, Yongjia, Wenzhou, Zhejiang.

邮政编码 Post code: 325000

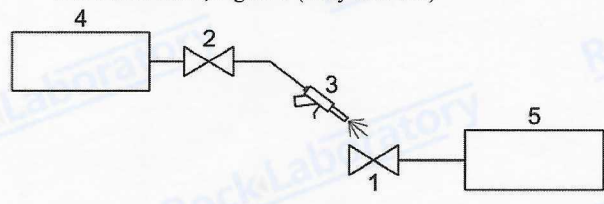
联系电话 Tel.: 0577-6708 7799

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邮 箱 E-mail: rock@rock-lab.cn

网 址 Web: www.rock-lab.cn

**概述 Summary:**

阀门类型 Valve Type	球阀 Ball Valve	阀门规格 Valve Spec.	详见试验数据 Refer to test data
试验温度 Test temperature	室温 Room temperature	收样时间 Sample Collect Date	2022.10.16
样品状态 Sample status	完好 Intact	试验介质 Test medium	99.999% 氦气 99.999% Helium
品牌/型号/系列号 Mfr. / Model No. / SN	Leybold / PHOENIX L300i / 90001197646	设备有效期 Device Validity	2023-3-15
阀门抽样方 Valve Selected by	委托单位 Customer	检测项目 Test Item	密封性能试验 Sealing Performance Test
试验标准 Test Basis	ISO 27895-2009 《真空技术-阀门泄漏试验》第 6.2 节及客户要求 Clause 6.2 of ISO 27895-2009 <i>Vacuum Technology – Valves – Leak test</i> and client's requirements		
泄漏测量方法 Leakage measurement	<p>ISO 27895-2009, Figure 6 (body leak test)</p>  <p><b>Key</b>          1 valve under test          2 valve          3 probe          4 trace gas reservoir          5 leak detector system</p>		
合格标准 Acceptance Criteria	$< 1 \times 10^{-5} \text{ Pa} \cdot \text{m}^3/\text{s}$ ( $< 1 \times 10^{-4} \text{ mbar} \cdot \text{l/s}$ )		
试验地址 Test Location	中国浙江省永嘉县瓯北镇和一工业区岩石阀门检测实验室 ROCK Valve Testing Lab, Heyi Industrial Zone, Oubei, Yongjia, Zhejiang, PRC		

**试验数据 Test Data**

项次 Item No.	样品编号 Sample No.	阀门类型 Valve Type	阀门规格 Valve Spec.	试验日期
1	ROCKP202209055	球阀 Ball Valve	80F/100R, 1000PSI, CF8M	2022.10.17
试验步骤 Test Step	试验内容 Test Const	真空压力 mbar(A)	测得净泄漏率 Measured Net Leakage Rate Pa·m <sup>3</sup> /s	判定 Evaluation
a	阀体泄漏试验 Body Leak Test	0.5	1.48E-08	合格 Pass

**备注 Remarks:**

1. 阀体泄漏率数据为所测得的最大值。Body leakage rate value is the maximum measured value.
2. 环境温度: 22.3℃; 相对湿度: 52%。Ambient temperature: 22.3℃; relative humidity: 52%.
3. 试验方法依据 ISO 27895 表 2 方法 1。Test method is as per Configuration 1 in Table 2 of ISO 27895.

编制/日期: 俞前 2022.10.18  
PRPD/DATE:

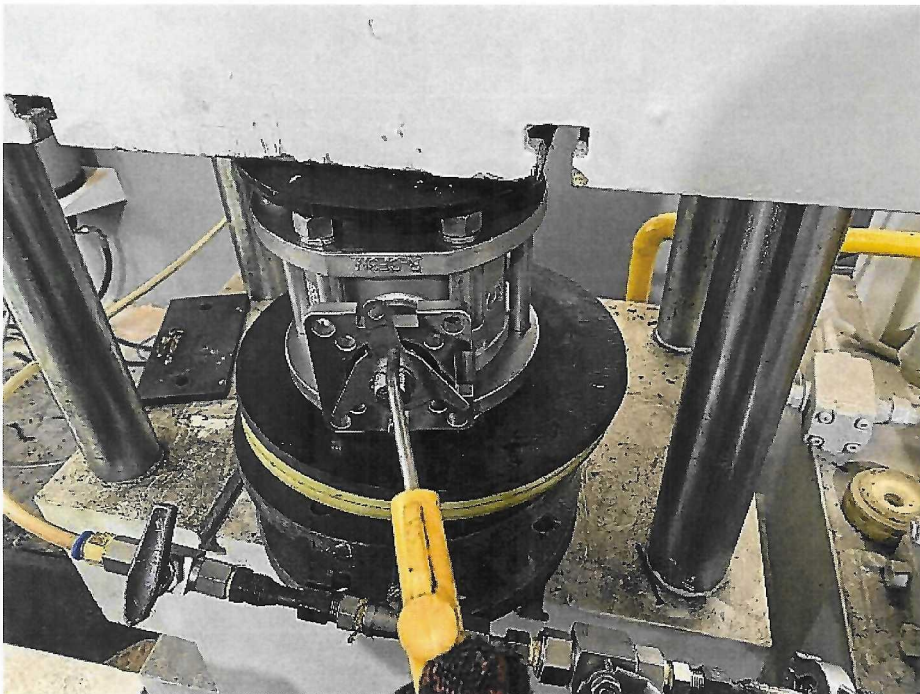
审核/日期: 胡环 2022.10.18  
CHKD/DATE:

批准/日期: 俞前 2022.10.18  
APPD/DATE:

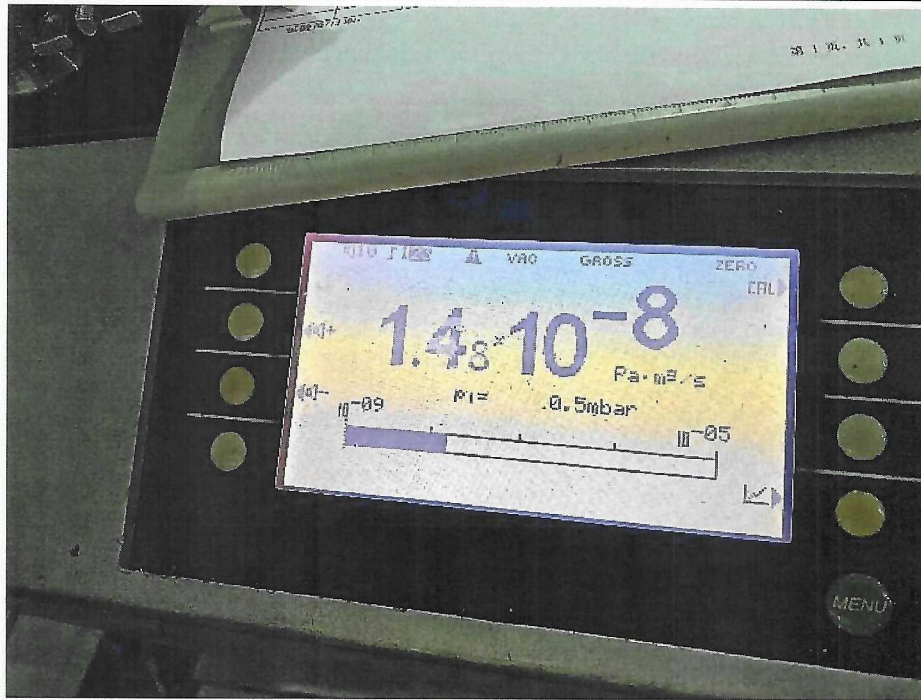




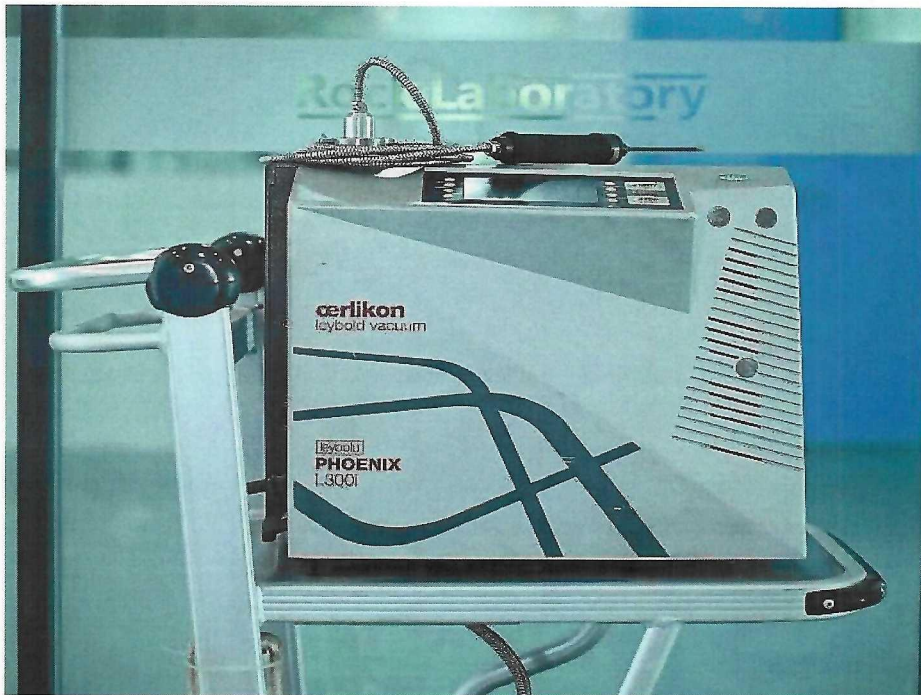
试验阀门 Tested valve



试验过程 Test process



试验数据 Test Data



检漏仪 Leakage Detector



