

FFM-110 系列 Series



【特点与功能】

Specifications and Functions

- **性能确认(日常检查)**
Function Monitoring (Daily Maintenance)
检漏仪是否正确判定了NG产品。
Does the leak tester evaluate reject items as FAIL.
- **精度确认(定期检查)**
Sensitivity Verification (Periodical Maintenance)
检漏仪的灵敏度、精度是否正常。
Does leak testing indicate accurate corresponding sensitivity when an established amount of leak is generated.
- **设定参数**
Condition Setting (Standard Determination)
模拟实际泄漏率，设定检漏仪参数。
To determine the most appropriate evaluation-setting rate when a certain leak rate is generated.

“泄漏量”的基准器
本产品可以在一定压力下产生标准流量。

Standard of Leakage

This unit is designed to simulate actual generated air flow(leak) for air leak testing settings that had been previously obtained by calculations and pressure rate conversions.



Operation Mode

During normal operation, insert the plug to the coupling and seal the test circuit.

正常检漏模式

测试时接头上安装封堵塞，保持管路的密封状态。



检查模式

检查时接头上安装定流量发生器，模拟管路中有一个已知漏率的泄漏。



Inspection Mode

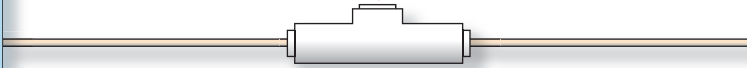
During inspection, replace the plug with FFM-110.

便于装卸

在测试气路中安装通用接头，测试过程中不需要拆卸管路就可以拆装FFM-110。

Easily Mountable

By pre-connecting the coupling to the test circuit, it is possible to mount the FFM-110 without removing test piping.



产品选型
Model Selection

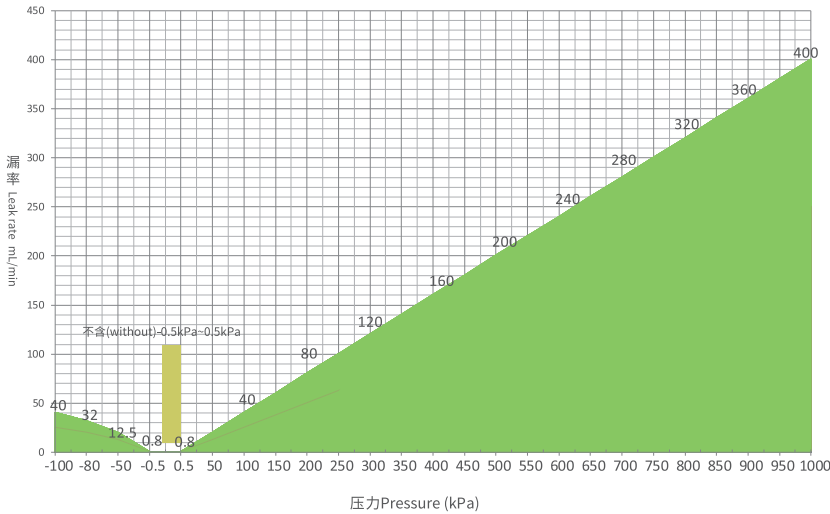
FFM 1 1 0 —
① ②

| | | | | |
|--------------------------------------|-----|---|------------|-------------------------------|
| ①压力-漏率范围 Pressure-Leak rate Range | 1 | -90~1000kPa(不含 without -0.5~0.5kPa),0.03~400mL/min(正压 positive pressure),0.2~40mL/min(负压 negative pressure) | | |
| | 2 | 5~30kPa,100~1000mL/min | | |
| | 3 | 0~2000kPa,10 ⁻⁸ Pa.m ³ /s~10 ⁻⁴ Pa.m ³ /s | | |
| | ②资料 | N | 标准随机资料 | Inspection Sheet |
| | | T | 温度-漏率修正曲线图 | Temperature - leak rate graph |

| 介质 Media | 洁净无腐蚀性气体 Clean and non-corrosive gas | | | |
|--|---|--|----------------------|---|
| 一次侧压力范围 Primary Side Pressure Range | 0.5kPa~1000kPa | 0kPa | 5kPa~30kPa | 见附表2 See table 2 |
| 二次侧压力范围 Secondary Side Pressure Range | 0kPa | -90kPa~-0.5kPa | 0kPa | |
| 漏率范围 Leak rate Range | 0.03 mL/min~400mL/min (见附表1) See table 1 | 0.2mL/min~40mL/min (见附表1) See table 1 | 100mL/min~1000mL/min | 10 ⁻⁸ Pa.m ³ /s~10 ⁻⁴ Pa.m ³ /s |
| 制作偏差 Manufacturing deviation | ±5%F.S. 或 or ±10%F.S. | ±5%F.S. 或 or ±10%F.S. | ±5%F.S. | 0.5个数量级 0.5Magnitude |

FFM-110-1*压力-漏率范围(表1) Pressure-Leak rate Range (table 1)

FFM-110-2*漏率范围(表2) Leak rate Range (table 2)



| 一次侧压力kPa Primary Side Pressure(G) | 二次侧压力kPa Secondary Side Pressure(G) | 10 ⁻⁸ 量级 10 ⁻⁸ Magnitude | 10 ⁻⁷ 量级 10 ⁻⁷ Magnitude | 10 ⁻⁶ 量级 10 ⁻⁶ Magnitude | 10 ⁻⁵ 量级 10 ⁻⁵ Magnitude | 10 ⁻⁴ 量级 10 ⁻⁴ Magnitude | 0.03 ~ 400 mL/min |
|--------------------------------------|--|---|---|---|---|---|-------------------|
| 0 | -100 | ✓ | ✓ | ✓ | ✓ | ✓ | X |
| 100 | 0,-100 | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 200 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 300 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 400 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 500 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 600 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 700 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 800 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 900 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 1000 | 0,-100 | - | ✓ | ✓ | ✓ | ✓ | |
| 2000 | 0 | - | ✓ | ✓ | ✓ | ✓ | ✓ |

主要产品 ● 气密检测仪 ● 数字压力表 ● 流量计 ● 自动压力、流量控制器 ● 密封性能检测专用设备

BOYIE | 天津博益气动股份有限公司
TIANJIN BOYI PNEUMATICS CO., LTD.



代理商

公司·工厂: 天津开发区泰丰路80号 邮编: 300457
 电话: (86)22-59810966 传真: (86)22-59810963
 营销中心: 北京市丰台区角门18号名流未来大厦801-805室 邮编: 100068
 电话: (86)10-87582461 传真: (86)10-87582462
 网址: www.boyiqd.com 邮箱: sales@boyiqd.com



公司在深圳、顺德、杭州、上海、苏州、长沙、武汉、重庆、西安、青岛、沈阳设有分支机构。