

燃油系统气密及通气测试仪

Fuel System Leak and Ventilation Tester



国家实用新型专利 National Utility Model Patent

1. 产品名称：燃油系统气密及通气测试仪（欧 II）
Product Name: Fuel System Leak and Ventilation Tester (EURO II)



燃油系统气密及通气测试仪（欧 II）
Fuel system leak and ventilation tester (EURO II)



燃油系统气密及通气测试仪应用在汽车检测线上
Fuel system leak and ventilation tester applied to automobile detection line

●具有MASTER（基准数据采集）功能，可方便的实现对环境温度及被测物变形的补偿

With MASTER (reference data acquisition) functions, perform the compensation for ambient temperature and deformation of work piece volume

●具有丰富的自诊断功能，能够对电气回路、气动回路进行检验

Having rich self-diagnosis function, able to inspect electric circuits and pneumatic circuits

●无温升结构：与测试有关的阀门，均采用气控阀，避免电磁温升对测试造成影响

No temperature rise structure: all test-related valves are pneumatic valves to avoid influence of solenoid valve temperature rise on testing

●随机附带对等试验报告

Supplied with equivalent test report

4. 主要技术参数

Technical Data

●测试压力范围：3.0~20.0kPa（数字设定）

Range of test pressure: 3.0~20.0kPa (digital setting)

●直压传感器精度：±1% F.S.

Gauge pressure sensor accuracy: ±1% F.S.

●差压传感器量程：0~±2000Pa

Differential pressure sensor range: 0~±2000Pa

●差压传感器精度：±0.5% F.S.

Differential pressure sensor accuracy: ±0.5% F.S.

●测试节拍：0.9~1.5min/件

Testing Rate: 0.9~1.5min/pcs



自动封堵
Automatic plugging

2. 用途：为保证达到国家环保有关标准(GB18352.2-2005)及生产一致性要求，对整车燃油系统（包括油箱、加油口、碳罐及连接管路）进行密封性和通气性试验。

Application: To ensure meeting the applicable State environmental protection standard (GB18352.2-2005) and production consistency requirements, conduct leak and ventilation testing of the entire fuel system (including oil tanks, filling ports, charcoal canister and connection pipelines).

3. 主要功能和特点：

Functions and Specifications:

●以FL-600型检漏仪为核心，辅以自动压力/流量控制器和旁路充气部分，对大容积的被测物进行检测

Based on FL-600 Air Leak Tester and aided by APU and bypass charge parts, carrying out the detection of large-volume work piece

●国标检测、在线检测功能

National standard detection and online detection functions

●条形码扫描输入

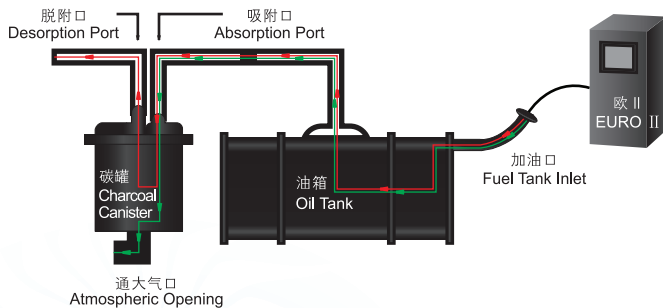
Barcode scanning

●数据存储打印

Data saving and printing

●采用APU(自动压力调节器，压力设定数字化)控制测试压力，辅以快速充气功能，可大大缩短充气 and 平衡时间

Using APU (electro pneumatic regulator, pressure setting digitization) to control testing pressure, along with quick charge function, reducing the charge and balance time



5. 型号选择

Model selection

FR-04-1①②

① 测试类型

Testing type

B	仅气密性测试 Only leak testing
C	气密性能和通气性能检测 Leak and ventilation detection

② 吊装方式

Lifting type

0	无吊装 No lifting
1	无动力单轨道吊装 No-power single-track lifting
2	无动力双轨道吊装 No-power double-track lifting