

想了解更多请关注我们!



微信公众号



抖音号



视频号

线束产品应用手册

Application Notes for Wire harness product



上腾科技(广州)有限公司(广州、上海、杭州、天津)
UPTON Technology(Guangzhou) Co., Ltd. (Guangzhou/ Shanghai/ Hangzhou/ Tianjin)

广州: 020-8226-1571	GZ: +86-20-8226-1571
上海: 021-6162-0301	SH: +86-21-6162-0301
杭州: 0571-8783-2997	HZ: +86-571-8783-2997
天津: 022-2375-8505	TJ: +86-22-2375-8505
热线: 400-008-6667	Sales: 400-008-6667
网站: www.upton-tech.cn	Web: www.upton-tech.cn

上腾科技(广州)有限公司
Upton Technology (Guangzhou) Co., Ltd.

关于我们 About Us

上腾科技，由原上腾电子标准品部门整合成立。专注气密检测技术领域的基础研究和标准产品的研发、生产。客户目标群涵盖汽车及零部件制造，消费电子，家用电器，厨房燃气用具，医疗及航空航天等众多领域。作为泄漏测试领域的专家，上腾科技从2005年研发成立至今，一直致力于泄漏测试领域的研究，目前可生产制造空气压泄漏测试、氦气真空测试、流量测试、气体压力曲线控制，流量自动控制、电解液质谱测试等标准仪器，是国内为数不多的可提供10-10Pa·m3/s到5m3/min的全量程测试解决方案的供应商。

上腾科技目前立足于广州工厂的研发生产，并在广州、上海、杭州、天津设4个营销服务公司，另有北京、重庆、南京、郑州、西安、武汉、长春等服务点正在加速筹建中，可用户提供优质的服务和贴心的使用体验。

UPTON TECHNOLOGY, founded by the integration of the former UPTON Electronic Standards department. We focus on: research of air leak tester technology, development and production of standard products. Our target customers cover many fields: automotive and component manufacturing, consumer electronics, household electrical appliances, kitchen gas appliances, medical and aerospace. As a expert of air leak tester field, UPTON TECHNOLOGY devote ourselves to research of air leak testing from 2005. Now, we can produce and manufacture air pressure leak tester, helium vacuum tester, flow tester, gas pressure curve controller, flow automatic controller, electrolyte mass spectrograph tester and other standard instruments, which is one of the few domestic can provide 10-10Pa·M3/S to 5m3/Min full range test solutions suppliers.

At present, UPTON TECHNOLOGY is based on the research and development of Guangzhou factory, and has set up 4 marketing service companies in Guangzhou, Shanghai, Hangzhou, Tianjin, Beijing, Chongqing, Nanjing, Zhengzhou, Xi 'an, Wuhan, Changchun, and other service points are under preparation, which can provide users with high-quality service and thoughtful use experience.

线束产品泄漏测试仪 Leak Test of Wiring Harness Products



K80直压/差压仪器通用版FM80 General Version of Direct/Differential Pressure Instruments

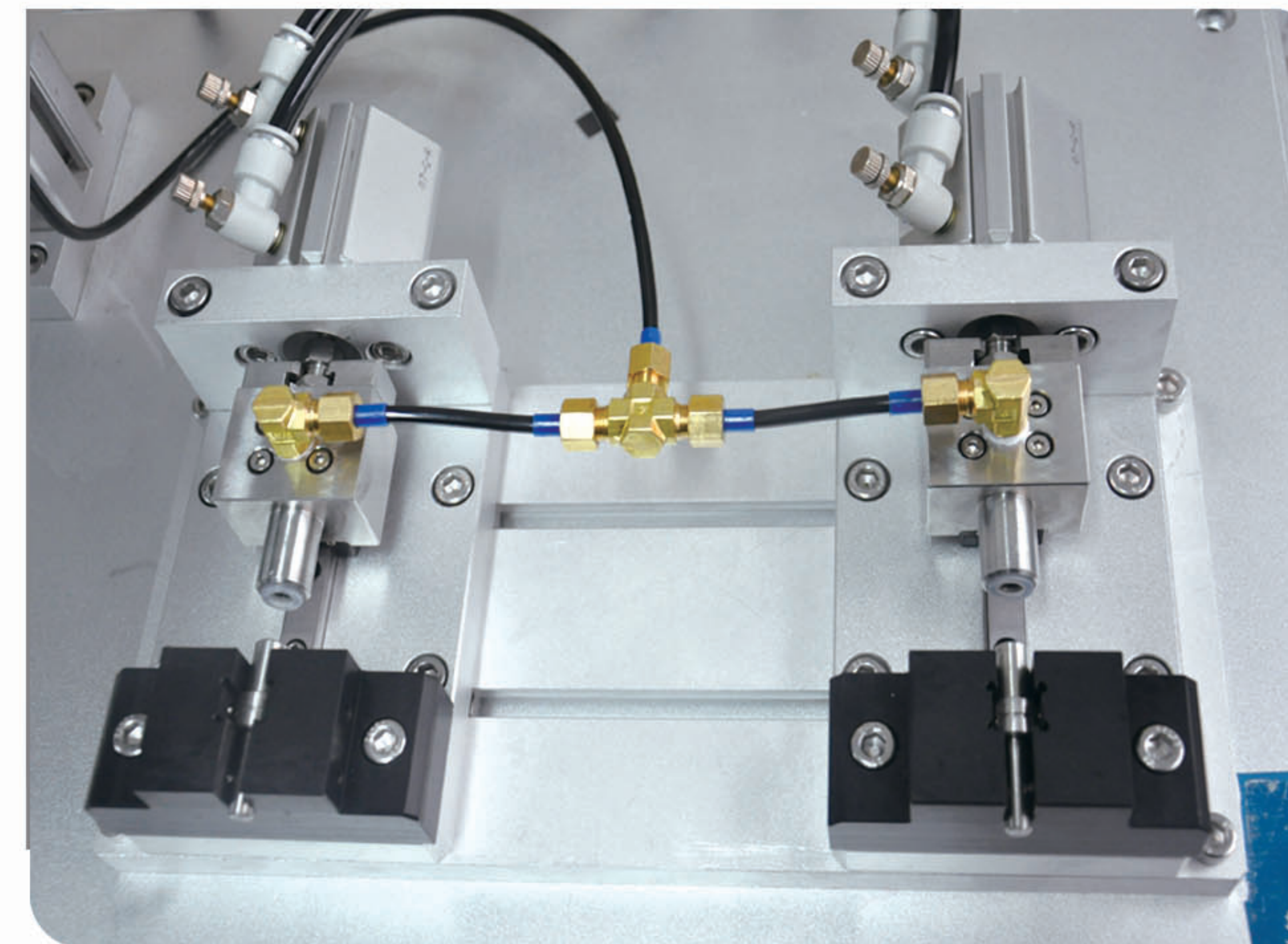
- 》全新的气路设计：检测速度快，抗干扰能力强；
New air path design: fast test and strong anti-jamming ability;
- 》压力范围-100kPa, 100kPa, 700kPa可选；
Pressure range: -100kPa, 100kPa, 700kPa(optional);
- 》双RS232接口支持数据上传、参数下刷功能；
Double RS232 communication ports for 2-way communication;
- 》I/O可实现仪器内部编程，方便接线；
I/O can realize instrument internal programming and convenient wiring;



S20C 测试模块 Air Leak Tests Modular

- 》气密测试标准单元，屏机分离；
Air leak testing standard unit, screen machine separation;
- 》压力量程覆盖-100kPa到2000kPa(2MPa)；
Pressure range: -100kPa to 2000kPa(2MPa);
- 》适用于标准化大批量测试，可通过上位机控制多台仪器同时工作；
Suitable for standardized mass testing, multiple instruments can be controlled by the upper computer to work at the same time;
- 》外观模块化设计，可轨道安装；
Modular appearance design, track installation;

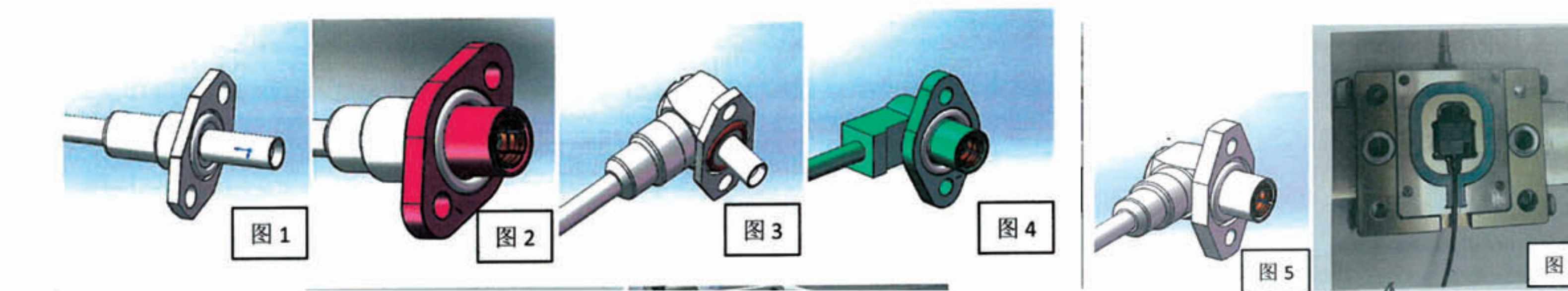
其他案例 Other Cases



线束接头气密性测试设备 Airtightness Testing Equipment of Wire Harness Connector

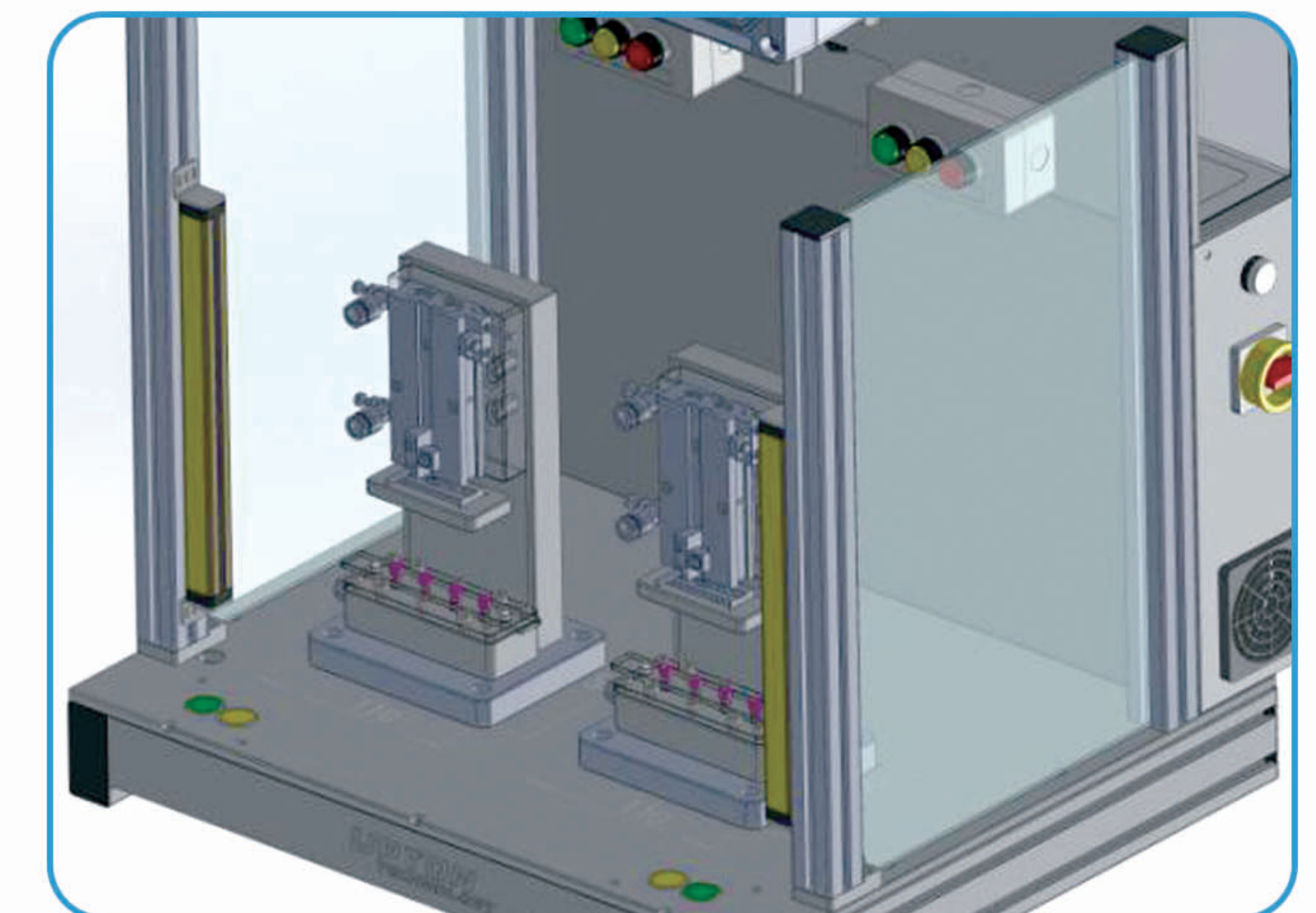
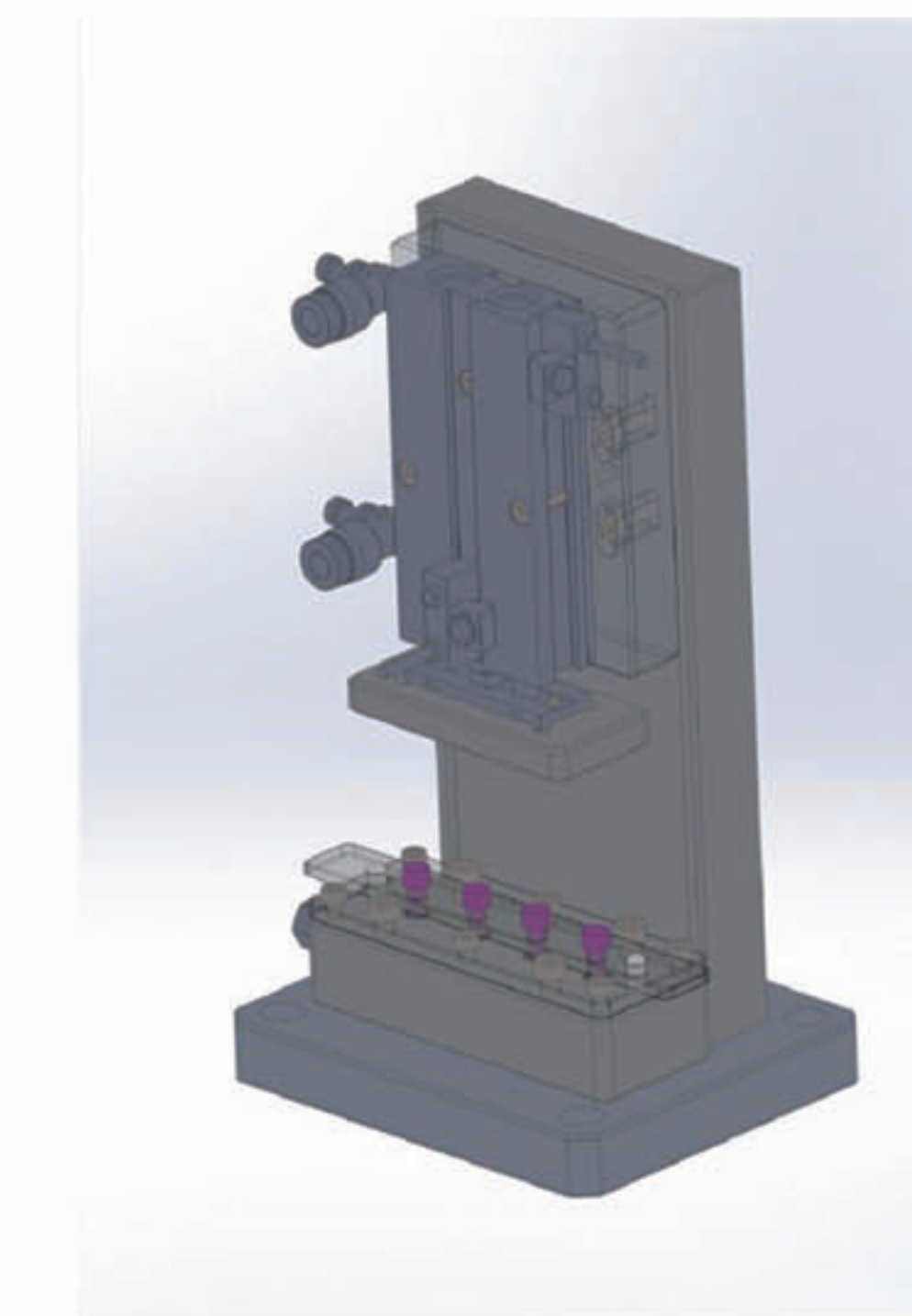
测试压力：300kPa
测试节拍：18s/pcs

产品接头如下：



线束气密性测试设备 Airtightness Testing Equipment of Wire Harness

测试压力：55kPa；
测试节拍：40秒/4pcs



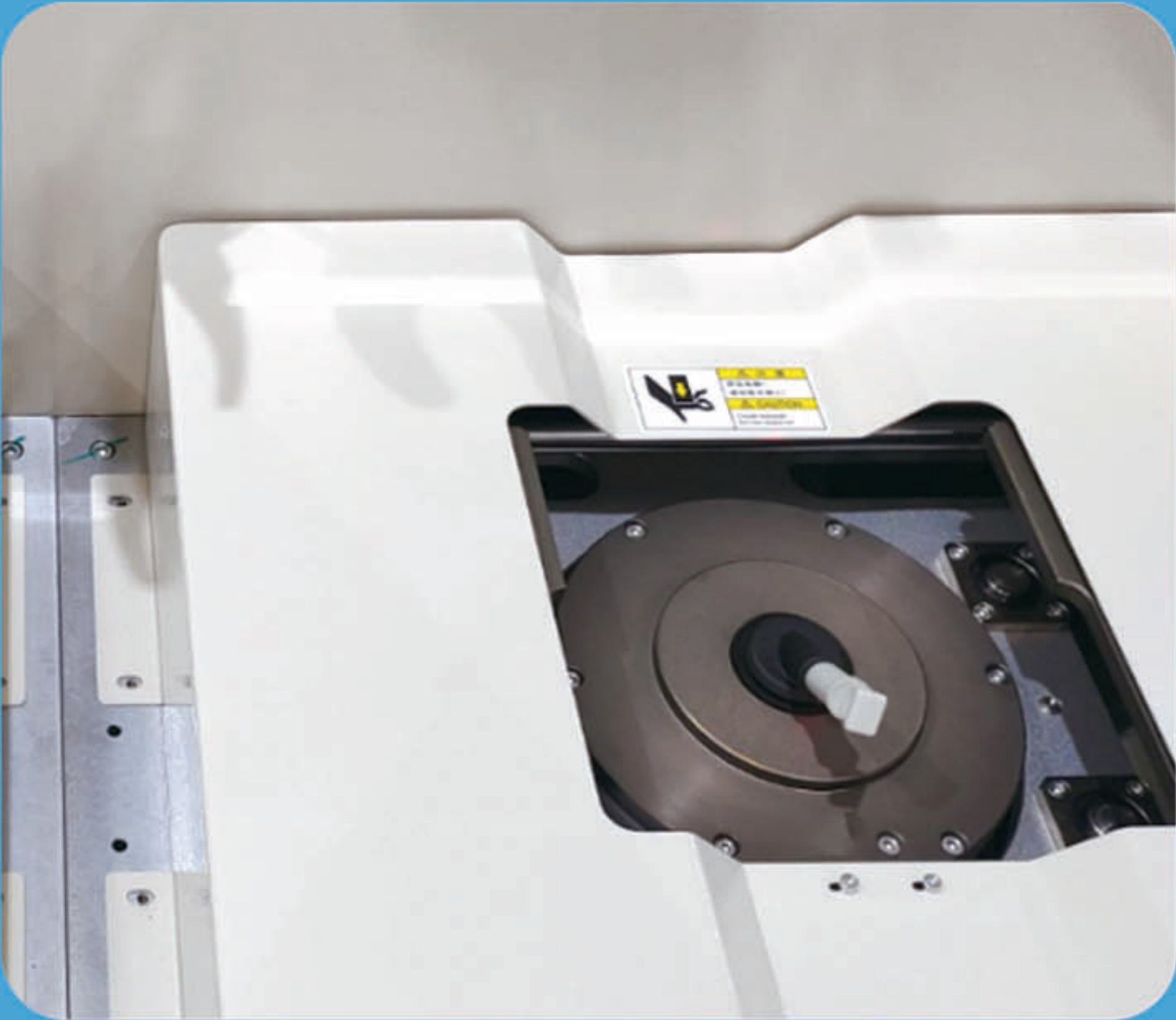
扭矩传感器线束气密性测试 Tightness Test of Torque Sensor Harness

测试压力：100kPa；
测试节拍：13/1pcs



我们的案例

Our Cases



S20C 泄漏测试模块
S20C Air Leak Tests Modular



胶套气密检测设备
Airtightness Test Equipment
for Rubber Sleeve

胶套气密性测试 Airtightness Test of Rubber Sleeve

设备用途：
用于汽车线束橡胶套密封性能检测。
设备特点：
配备多量程高精度流量传感器，
满足不同尺寸产品测试需求。

测试节拍：约 60S/ 件（不含人工上下料）
能耗：1.3KW。

Equipment usage:
Mainly used for testing the sealing performance of rubber sleeves in automotive wiring harnesses,
Equipment features:
Equipped with multi range high-precision flow sensors,
Meet the testing requirements of products of different sizes.

Test cycle: Approximately 60s per piece
(excluding manual loading and unloading)
Energy consumption: 1.3KW.

高压线束气密性测试 Air Tightness Test of High-voltage Wiring Harness for Equipment



K80 泄漏测试仪
K80 Air Leak Tester



线束气密检测设备
Airtightness Test Equipment
for Wiring Harness

设备用途：
用于高压线束及充电口的密封性检测。
设备特点：
采用双工位差压检测模式，0-100kPa 测试压范围，
具备高精度自动化判定能力。设备集成扫码、点检、
测试与 MES 数据联动功能，通过标准化流程实现全
环节可追溯。

测试压力：50±2kpa；泄漏量≤20pa
测试节拍：30S/ 件

Equipment usage:
Used for sealing testing of high-voltage wiring harnesses and charging ports
Equipment features:
Adopting duplex differential pressure detection mode, with a testing pressure range of 0-100kPa, it has high-precision automated judgment capability. The equipment integrates scanning, inspection, testing, and MES data linkage functions, achieving full traceability through standardized processes.

Test standard: Test pressure 50 ± 2kpa;
Leakage rate ≤ 20pa
Test cycle: 30S/piece

线束气密性测试 Air Tightness Test of wiring harness

设备用途：
用于线束的密封性检测。
设备特点：
采用差压检测模式，具备高精度自动化判定能力。
设备集成扫码、点检、测试与 MES 数据联动功能，
通过标准化流程实现全环节可追溯。

测试压力：24±1kpa，泄漏量 <50pa;
测试节拍：30s/ 件

Equipment usage
Used for leak testing of wire harnesses
Equipment features:
Adopting differential pressure detection mode, with high-precision automated judgment capability. The equipment integrates scanning, inspection, testing, and MES data linkage functions, achieving full traceability through standardized processes.

Test pressure: 24 ± 1kpa, leakage rate<50pa;
Test cycle: 30s per piece

线束气密性测试 Air Tightness Test of wiring harness

设备特点：
设备采用直压检测模式，单机双工位，
通过高精度传感器、自动操作、实时显示和
报警与 MES 数据联动，实现全环节可追溯。

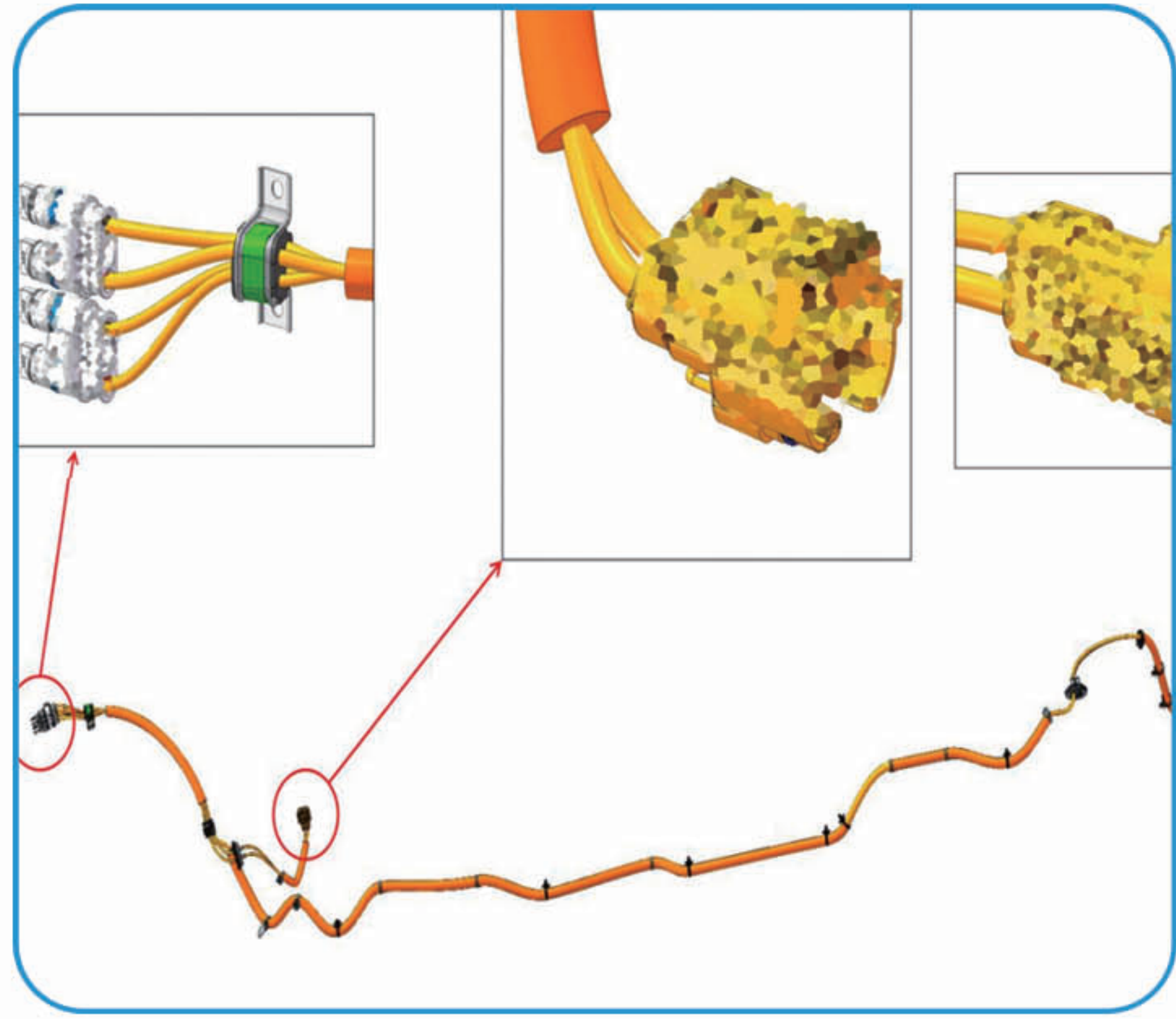
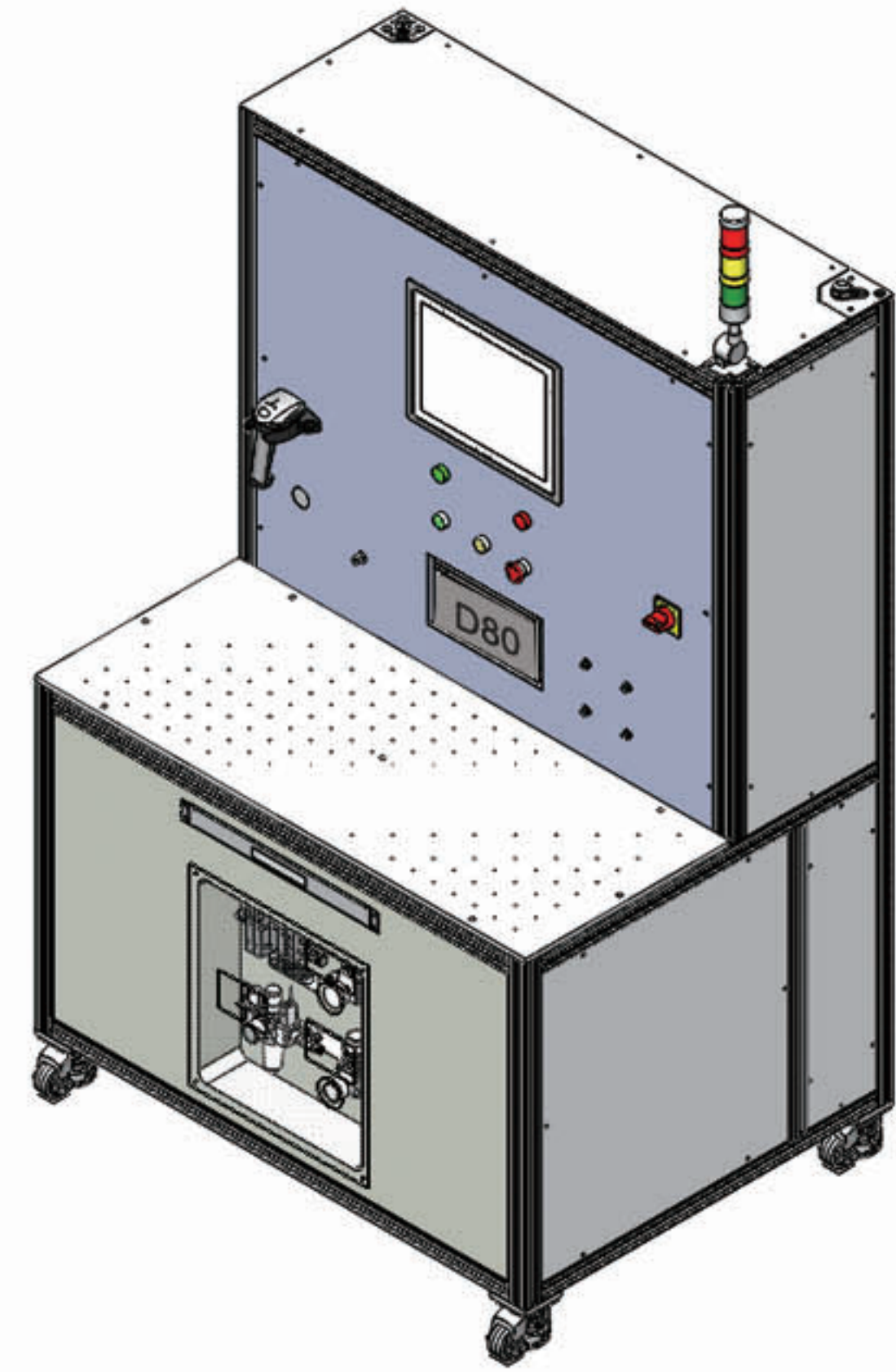
测试压力：-29kPa~-35kPa
测试标准：1kPa

Equipment features:
The equipment adopts a direct pressure detection mode, with a single machine and dual workstations, Through high-precision sensors, automatic operation, real-time display and alarm, and MES data linkage, the entire process can be traced.

Test pressure: -29kPa~-35kPa;
Test cycle: 1kPa



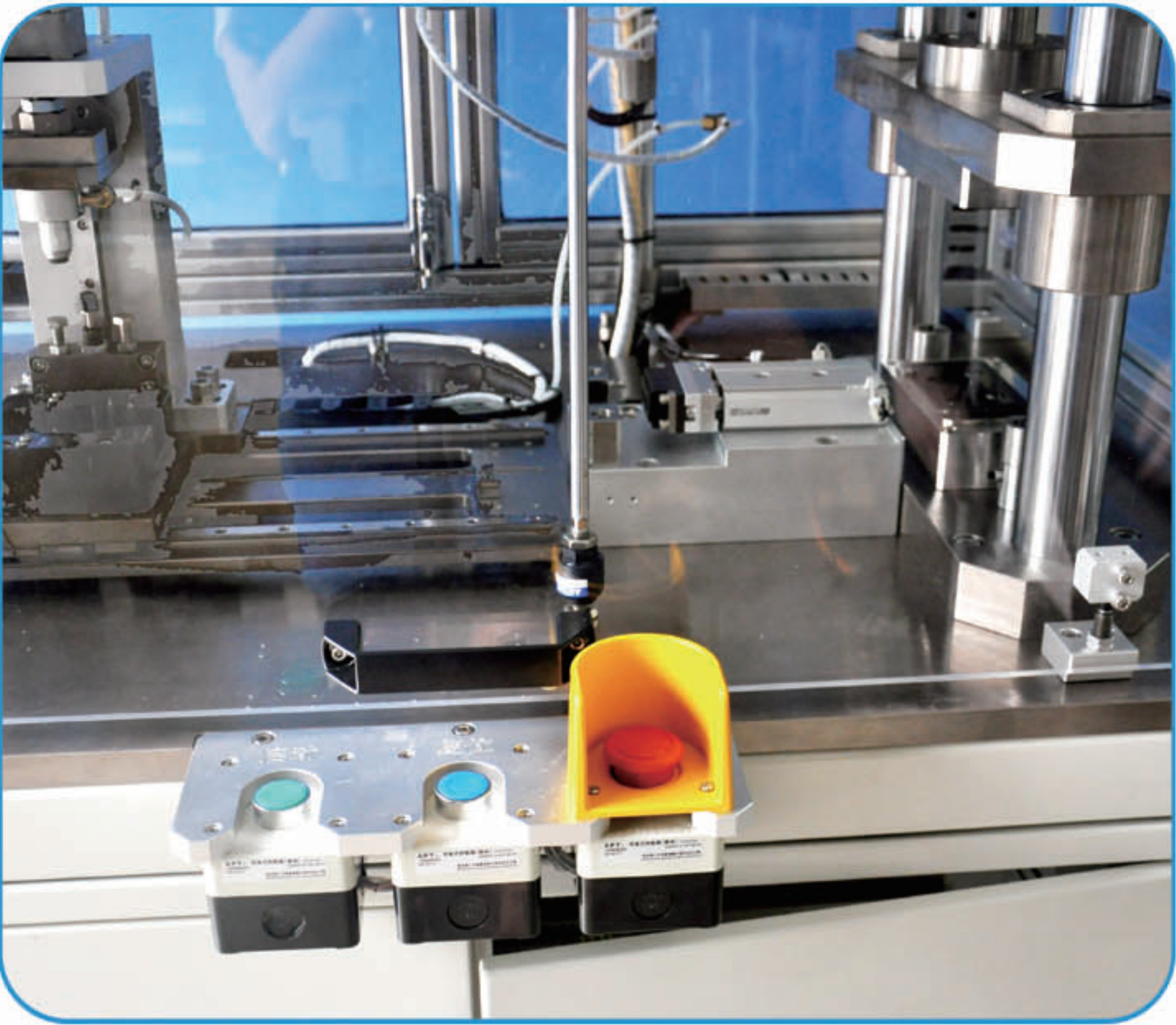
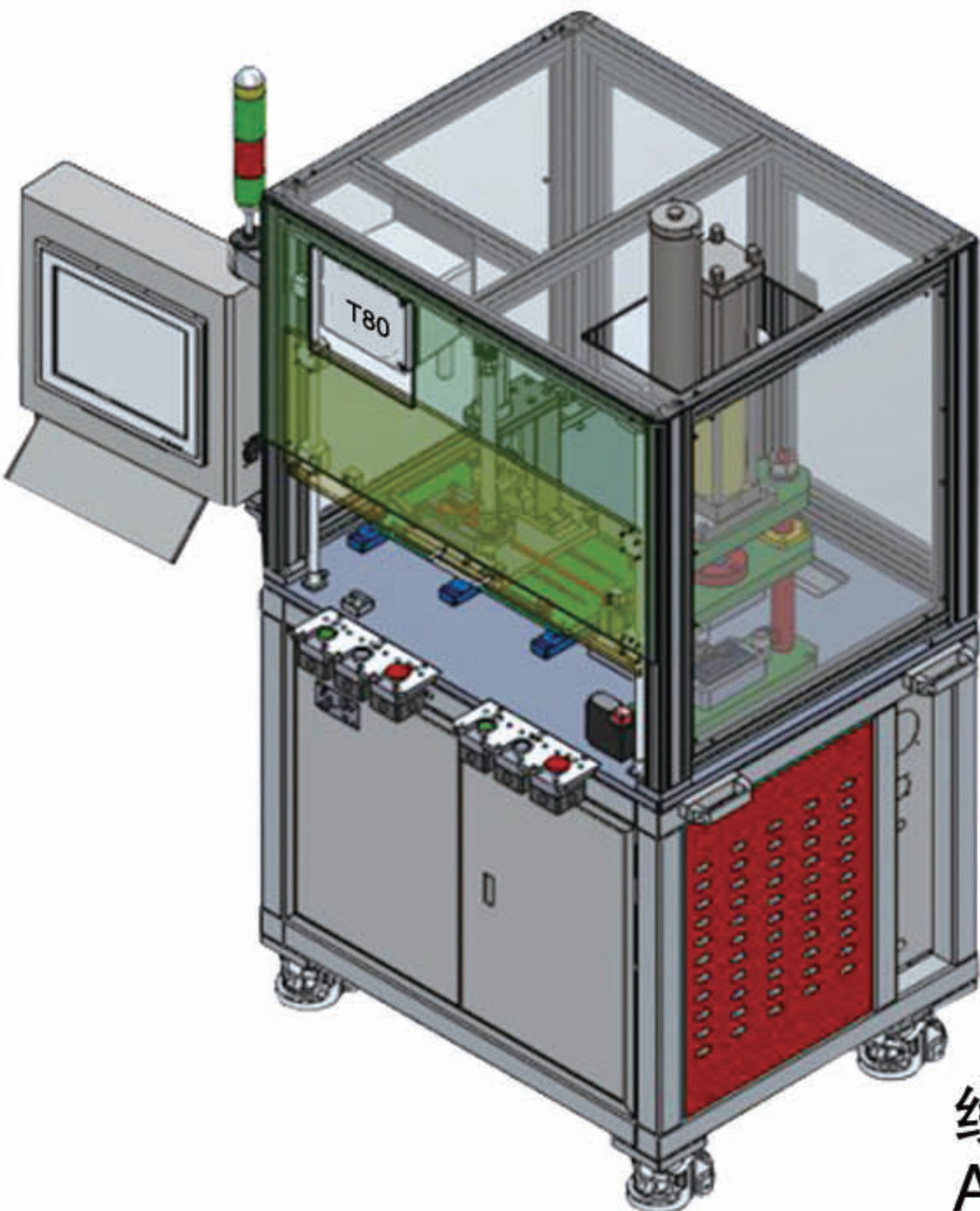
D80 泄漏测试仪
D80 Air Leak Tester



线束气密检测设备
Airtightness Test Equipment
for Wiring Harness



T80 泄漏测试仪
T80 Air Leak Tester



线束气密检测设备
Airtightness Test Equipment
for Wiring Harness