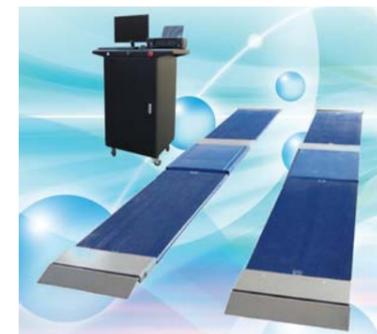




Configurations 结构组成

Models 型号	Configuration 结构	Description 说明
BKW-3		2,000 kg / axle
4BKWS-3		Platform brake, weighing, sideslip and suspension tester with 4 main plates, 1 sideslip plate, 1 dummy, U3 console 可同时检测4轮的制动、称重、侧滑与悬架，包括4块主测试板、1块侧滑板、1块固定板、U3控制柜
2BKWS-3		Platform brake, weighing, sideslip and suspension tester with 2 main plates, 1 sideslip plate, 1 dummy, U3 console 可检测单轴的制动、称重、侧滑与悬架，包括2块主测试板、1块侧滑板、1块固定板、U3控制柜
BKW-10		10,000 kg / axle
4BKWS-10		Platform brake, weighing, sideslip and suspension tester with 4 main plates, 1 sideslip plate, 1 dummy, U3 console 可同时检测4轮的制动、称重、侧滑与悬架，包括4块主测试板、1块侧滑板、1块固定板、U3控制柜
2BKWS-10		Platform brake, weighing, sideslip and suspension tester with 2 main plates, 1 sideslip plate, 1 dummy, U3 console 可检测单轴的制动、称重、侧滑与悬架，包括2块主测试板、1块侧滑板、1块固定板、U3控制柜

平板式制动检测台  
Platform Brake Tester



Model: BKW series  
型号: BKW 系列

Platform brake tester makes the brake test approach the real brake process on road and reflects the changes in dynamic weight of axle load. It is modulated to combine functions of brake force, sideslip, weighting and suspension.

平板式制动检测台采用了接近实际制动条件的检测方法，能够充分反映制动时轴荷变化对制动力的影响。该检测台为模块化结构，综合了制动、侧滑、称重与悬架检测功能。

BKW series is very easy to install, maintain and operate. Its high flexibility enables end user to configure its own tester easily and is well accepted by garages, inspection stations and car manufacturers.

BKW 产品的安装、维护与操作都简便易行，其柔性达到可以让用户自己决定设备组成结构的程度，广泛用于汽车修理厂、检测站与汽车制造行业。

- It is not necessary to construct a pit for the equipment.  
不必为设备专门建造基础
- There is no AC power inside the platform and power consumption is well limited.  
在平板上没有交流电、耗电很低。
- Only with one brake action, all results of brake, suspension, dynamic weight and sideslip can get within seconds.  
只需踩一脚制动，可以得到所有的制动、悬架、动态重量和侧滑结果。
- The limited thickness (50/70mm only) and "knock down" installation makes easy use on a flat surface anywhere.  
检测板厚度只有50/70mm，使用膨胀螺栓就可以安装在任何平整地面上。
- All 4 wheels can be tested synchronized.  
能够同时对四轮进行测试。

## Summary results 主要测试结果

■ Brake force per wheel 各轮制动力	N	■ Suspension performance 悬架效率 (车轮接地力)	%
■ Drag force per wheel 各轮阻滞力	N	■ Suspension difference 悬架差	%
■ Brake force of hand brake 驻车制动	N	■ Side slip 侧滑值	mm/m
■ Deceleration per axle 各轴减速率	% or m/s <sup>2</sup>	■ Static weight per wheel/axle 轮/轴静态质量	kg
■ Deceleration of whole vehicle 整车减速率	% or m/s <sup>2</sup>	■ Dynamic wheel per wheel/axle 轮/轴动态质量	kg
■ Imbalance per axle 制动力差	%	■ Inertial center movement 车辆重心移动方向 (图示)	graphic

## Specifications 技术规格

Items 参数		BKW-3	BKW-10
Axle load tested 允测最大轴质量	kg	2,000	10,000
Brake force range for each wheel 单轮制动力量程	N	10,000	40,000
Side slip test range 侧滑量程	mm/m	±10	±10
Test speed 测试车速	km/h	5 - 10	5 - 10
Accuracy 精度		±2% F.S.	±2% F.S.
Dimension of single brake test plate 测试板尺寸	mm	1500X650	1500X900
Separate distance between left and right plate recommended 跨距 (推荐)	mm	800	900
Test plate height by ground surface installation 测试板厚度	mm	50	70
Weight of brake test plate 制动板自重	kg	80	140
Weight of sideslip test plate 侧滑板自重	kg	50	70
Operation temperature 使用温度	°C	5 - 40	
Operation humidity 使用湿度		<95% no condense 无结露	



### U3 console Specification U3型控制柜

1. U3 console body	U3型柜体
2. Industrial PC	工业控制计算机
3. Signal process unit	信号处理单元
4. 19 inch LCD screen	19" 液晶显示器
5. Inkjet A4 printer	A4喷墨打印机
*6. Power supply	电源 220VAC 50Hz
7. Dimension ( L×W×H )	外形尺寸 900×600×1050 mm

\*Note: Other specification of power supply is available on request.  
注: 如需其它规格电源请在订货前提出。

## Function and Interface 性能简介

With Windows based software, all test procedures will be carried out automatically. There is a database to let customer easy to trace back and search test results.

视窗兼容软件, 所有的检测过程都自动进行。操作人员能够利用内置数据库检索或追踪检测结果。



- Running on Windows
- Vehicle information registration
- Brake force curves
- Sideslip value
- Suspension curves
- Self diagnostic
- Self zeroing
- Mal-function sensors indication
- Intelligent calibration
- Inertial center movement simulating display
- Summary report and curve report output
- Test database
- RS-232 and Ethernet ports
- English version software and other language available

- 视窗操作系统
- 车辆信息登录
- 制动过程曲线
- 侧滑值
- 悬架曲线
- 故障自诊断
- 自动清零
- 自动指示传感器故障
- 智能标定帮助
- 车辆重心模拟图示
- 数据打印与曲线打印
- 检测数据库
- RS232C、网络接口
- 其它语言软件可选