

跌落试验系统

DROP TESTING SYSTEM



跌落试验机

DROP TESTING SYSTEM

跌落试验是针对产品试验其包装材的防振、包覆保护能力或产品本身的抗跌落能力，判断相关的包装设计、材料选择及结构改善要点，包装落下试验有助于使用包装材料与产品强度设计。依据包装跌落试验判断是否已合乎未来会遭遇的环境应力所需强度依据，产品独立进行抗摔耐跌试验，了解产品遭受外力撞击时的承受能力，进行损害评估。

Drop testing system is applied to test the anti-vibration, covering-protection capability of packaging material, or product's impact-resisting capability to determine the improvement parts of related packing design, material and structure. It contributes to promote the packing material and product's strength.

According to the result of packing drop test, you can prove whether the product has reach the required strength encountered in future. Through doing the drop testing of product independently, you'll know its affordability to withstand external impact and assess the damage.



■ 产品规格 Product Specification

型 号 Type	KD-2768	KD-128A
底板尺寸 Platform Diameter (mm)	1,200 x 1,500 1,500 x 1,500 (可客制 / option)	850 x 1,260 1,000 x 1,500 (可客制 / option)
测试高度 Test Height (mm)	300 ~ 1,350 300 ~ 1,650 300 ~ 1,850 300 ~ 2,050	300 ~ 1,300 300 ~ 1,800 300 ~ 2,000
最大载重 Max Load (kg)	60 / 80 / 100	
缓冲装置 Buffer Type	机械连杆 / 橡胶缓冲	机械连杆 / 油压缓冲
高度控制方式 Controller	标准四键手把 Industrial Key	
设备高度 High Dimension (mm)	2,200 2,500 2,700 2,900	2,250 2,750 2,950
机台重量 Weight (kg)	约 420 kg	约 450 kg
电源需求 Power Req	AC 220V 50Hz	
气压需求 Gas Req	> 0.6 MPa	

携带型产品跌落试验机

PORTABLE DEVICE DROP TESTING SYSTEM

针对小型携带式物品如手机、电池、数码相机等手携式通讯及信息产品的落下试验机，治具辅助测试件落下，避免测试件翻转，以达到高精度测试要求。

跌落地板：钢板。（可随时加装水泥板）木板、地毯……等，以符合不同规范。

跌落角度：可调整测试件测试方向，适用于各方向测试（角、菱、面皆可）。

Equipped with portable device drop testing system, we can avoid turning specimen around to reach the requirement of high standard testing to test mobile phone, battery, digital camera and other hand-held and IT product.

Drop floor: steel plate, it can install extra cement board, wood, carpet to reach different requirement.

Drop angle: adjust the direction of the specimen for make it applicable for testing in all directions (angle, corner line and surface).



产品规格 Product Specification

型号 Type	KD-208	KD-208A
底板尺寸 Platform Diameter (mm)	850 x 1,200	
测试高度 Test Height (mm)	350 ~ 1,800 350 ~ 2,000	350 ~ 1,800 350 ~ 2,000 450 ~ 2,500
最大载重 Max Load (kg)	5 / 10	
缓冲装置 Buffer Type	油压缓冲 Hydraulic Type	
高度控制方式 Controller	专用控制台 Dedicated Console	
电源需求 Power Req	AC 220V 50Hz	
气压需求 Gas Req	> 0.6 MPa	

角跌落试验机

ANGLE DROP TESTER



KD-128C (手动)



KD-128C (气动)

■ 产品规格 Product Specification

型号 Type	KD-128C (手动)	KD-128C (气动)
底板尺寸 Platform Diameter (mm)		
测试高度 Test Height (mm)	300 ~ 1,000	300 ~ 1,000
最大载重 Max Load (kg)	5	5
缓冲装置 Buffer Type	油压缓冲 Hydraulic Type	
测试方式 Controller	手动释放	气动释放
电源需求 Power Req	AC 220V 50Hz	AC 220V 50Hz
气压需求 Gas Req	> 0.5 MPa	

高荷重栈板跌落试验机

HIGH PAYLOAD DROP TESTER

用于评估产品于维修、搬运过程中，可能遭遇之撞击、跌落与翻倒等影响效应，亦可用于评估安全需求强度实证。一般试验包含底面跌落、底角跌落与翻倒，将测试件底面之一边依相关规范之规定抬高或取角度提高使测试件自由跌落。

To evaluate impact effects of shock, drop and tumble encountered in repair and handling process, so do the safety strength assessment. The general drop test is against bottom, angle, edge and tumble. According to related specifications you can lift one side of the product by angle to make it drop freely.

■ 产品规格 Product Specification

型号 Model	KD-500	KD-688A	KD-688AX
底板尺寸 Platform Diameter (mm)	1,500 x 1,500 / 1,500 x 2,000 / 2,000 x 2,000 / 2,500 x 2,000		
测试高度 Test Height (mm)	0 ~ 800 0 ~ 1,300	0 ~ 1,300 0 ~ 1,500	0 ~ 800 0 ~ 1,000 0 ~ 1,300
最大载重 Max Load (kg)	300		1000
缓冲装置 Buffer Type	油压缓冲 Hydraulic Type		
高度控制方式 Control Mode	专用控制台 Dedicated Console		
电源需求 Power Req	AC 220V 50Hz	AC 380V 50Hz	AC 220V 50Hz
气压需求 Gas Req	> 0.6 MPa		



KD-500



KD-688A



KD-688AX (双轴)