

包装运输测试 (ISTA 3A)

挑战



面对复杂的运输环境，您的货品安全随时随地受到挑战。简单的传统的运输测试，振动频率固定，环境单一，无法模拟真实的空运，陆运及海运的情况，已不能满足今时今日您及买家的要求。

解决方案

ISTA（国际安全运输协会）据此提出3A的测试标准，ISTA 3A的测试方法与其他ISTA系列的测试不同，它比1A、2A等更能模拟实际的包装运输情况，适用于70 kg (150 lb)以下的邮递包装产品的风险评估。ISTA 3A的振动测试需要特殊的随机测试振台来实现，液压振动台具有先进独特的液动力系统以及精确的控制系统，只有液压随机测试振动台才能真正完全满足此测试的各种要求。



天祥集团（Intertek Testing Services）深圳蛇口实验室是中国地区第一个拥有随机液压振动测试仪，满足3A测试要求的商业第三方实验室，能够更为准确和有效的帮助您分析和评估产品在运输过程中所承担的风险。可为您提供以下相关测试：

ISTA 3A:

- 预处理
- 环境测试
- 随机振动测试（关键测试项目）
- 冲击测试
- *自由跌落测试
- *边的旋转跌落测试
- *旋转跌落测试
- *包裹跌落测试
- *危险性撞击测试
- *桥式撞击测试

相关服务

除以上标准测试外，我们还可应客户的要求提供杂货相关个性化的产品安全和服务质量测试服务：

- *包装运输
- *环境测试/盐雾测试
- *纸箱
- *婴幼儿产品/家具/蜡烛和烛台/陶瓷/自行车/其他

为什么选择Intertek?

Intertek是全球最大的质量及安全服务的提供商之一，为各行业的国际及本地企业提供服务。Intertek的使命是，不但为客户提供一站式的解决方案，同时与客户建立真诚信赖的伙伴关系为客户的产品增加价值，提供竞争力，获得国际市场的成功！

Transit Packaging Analysis & Evaluation Testing (ISTA 3A) Challenge



With increasingly complicated transportation conditions around the world, the safety of your products is facing challenges at any time and any place. Traditional transit testing, with its simple method, fixed vibration frequency and single environment, cannot simulate the real conditions transporting by air, land or sea, thus will not satisfy the needs of you and your buyers.

Solution

To meet this challenge, ISTA(International Safe Transit Association) created the 3A testing standard. ISTA 3A is different from other ISTA testing methods, with more realistic simulation of package transit than 1A, 2A, and applicable to risk evaluation of post package below 70 kg (150 lb). The vibration testing of ISTA 3A needs special random vibration platform to perform. Hydraulic pressure vibration platform possesses the advanced hydraulic pressure power supply system and precise control system, and only the hydraulic pressure vibration platform can satisfy the various requirements of this test.



Intertek SK-Lab is the first commercial third-part lab in China who has the Hydraulic Power Supply Random Vibration System and is capable of conducting 3A testing, helping you to analyze and evaluate the transit risk of your products more precisely and effectively. We can provide the following tests:

ISTA 3A test mainly include:

- Atmospheric Preconditioning Test
- Random Vibration test (key test)
- Atmospheric Conditioning Test
- Shock test
- *Free Drop Test
- *Rotational Edge Drop Test
- *Full Rotational Flat Drop Test
- *Drop In a Bag Test
- *Hazard Impact Test
- *Bridge Impact Test

Related services

Besides the above tests, we can also tailor product safety and quality tests on hardlines according to your needs:

- *Packaging Tests (ISTA series)
- *Conditioning Test /Salt Spray Test
- *Paper Board
- *Juvenile Product/ Furniture/ Candle& Candle holders/ Ceramic Ware/ Bicycle / Tricycles/ etc.

Why Intertek?

Intertek is a leading international provider of quality and safety services to a wide range of global and local industries. Intertek is dedicated to providing one-stop solution and fostering trustworthy relationship with our clients. Partnership with Intertek brings increased value to customers' products and processes, ultimately supporting their success in the global marketplace!