


Ultra Probe Drop Test

Test standard:	①.IEC 60068-2-32; ②.GB/2423 : Test methods. Test Ed. Free fall	
Parameter	Definition	Default Value
Drop Height	Height from which the product will be dropped and expected to operate.(Note: default value is a minimum. European Norms referenced in section 1.4 use 1.2 meters (almost 4 feet) as their drop height.	3 feet (91.44 cm)
Product Surfaces	List of corners and sides onto which the device will be dropped.	6 sides and 4 corners (see Figure 1 below)
Number of Drops	Number of times the device is to be dropped on each of the Product Surfaces	5 《5个循环* (6面+4角) =50次》
Impact Surface	Floor material onto which the device is to be dropped.	Bare concrete

Side or Corner	Drop Order	Functional Test (Pass/Fail)	External Inspection (Pass/Fail)	Internal Inspection (Pass/Fail)	Comments	Picture	
Front Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Back Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Top Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Bottom Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Left Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Right Side	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Top Left Corner	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Top Right Corner	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Bottom Left Corner	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			
Bottom Right Corner	①	Pass	Pass	N/A			
	②	Pass	Pass	N/A			
	③	Pass	Pass	N/A			
	④	Pass	Pass	N/A			
	⑤	Pass	Pass	N/A			

Final Internal Inspection				Pass		
Acceptance Criteria						
<ul style="list-style-type: none"> • Product must pass all Functional Tests that are performed. 						
<ul style="list-style-type: none"> • Product enclosure must not have any damage that would compromise the safety 						
<ul style="list-style-type: none"> • Stress fractures (e.g. stress whitening, indentation on surfaces, minor crack) that do not directly jeopardize the structural integrity of the enclosure or the PCB(s) are acceptable, as are assembly lock structure casing can be assembled back with no other defects, user removable panels popping off, ejection of removable batteries and/or collapse of a batteries' positive pole, cosmetic damage (scuffing, scratches, etc). 						