



Equipment List and Function

Item No.	Equipment Name	Qty	Function	Note
1	CMM (Coordinate Measuring Machine)	1	Measuring the physical geometrical characteristics of an object, and testing the precise dimension. The CMM's dimensional capabilities generally include position, roundness, perpendicularity, parallelism, flatness, angularity, profile of surface, profile of a line, symmetry, concentricity, straightness and datum quantification.	Limitation: Cannot test the inside area of an object where the probe cannot reach; cannot test the dimension and radius where are too small for the probe to operate
2	Glossmeter	1	Used to measure specular reflection gloss of a surface for plastic and metal object, and testing the glossiness of painting and plating finishes.	
3	Coating Thickness Gauge	1	Used to measure dry film thickness (such as painting, powder coating, plating, and chemical black etc.)	
4	Cross-Cut Tester	1	Testing the adhesive qualities of painting, powder coating, plating, and chemical black etc.	
5	Salt-Mist Tester	1	Checking corrosion resistance of materials and surface coatings	
6	Torque Screwdriver Tool	1	A screwdriver with components that ensure tightening to a specified torque, ensuring tightening which is sufficient, but not excessive	
7	Wear Tester	1	Used to test surfaces for resistance to abrasion and wear	
8	Surface Roughometer	1	Testing surface roughness, range Ra. 0.05--10um	
9	Colorimeter	1	Test the color difference between standard color code.	
10	HR-150A Rockwell Apparatus	1	Test the hardness of metal parts (HRA HRC HRB)	
11	Image measuring instrument	2	Can be used to analyze and process the coordinate of two-dimensional measurement.	
12	Material Detector	1	Test materials performances	