

A secondary battery exterior inspection device and a secondary battery exterior inspection method in which the secondary battery is divided into object image areas, and an inspection image is generated by combining object image areas for each photographed image of the same secondary battery.

The appearance inspection device of a battery cell according to claim 1, wherein the top cover is provided with an explosion-proof valve configured to act to vent air outside the battery cell when the pressure inside the battery cell reaches a set condition, the second inspection module further comprising a fourth optical inspection assembly ...

The present invention relates to a battery cell exterior inspection device. More specifically, the battery cell exterior inspection device inspects an exterior while individually transferring a...

Abkhazia battery ring appearance inspection device. The thermography device consists of a heat source and an infrared camera mounted to a mobile industrial robot system that guides the device along a trajectory above the inspection object. At the same time, images are acquired by the infrared camera and the current position of the device is ...

Appearance Inspection Device: More Accurate and Reliable Results with CCD Vision Inspection Main Inspection Targets: Defects such as foreign objects, scratches, indentations, poor terminal welding, contamination, corrosion, dimples, terminal burns, poor inkjet coding, and blurred characters on battery products.Utilizes high-pixel cameras, achieving micron-level precision in ...

The appearance inspection device for inspecting a battery cell comprises: a first camera assembly comprising a first camera and a first light source, the first light source being configured...

The secondary battery cell tester is a device that inspects the appearance, dimensions, and electrical characteristics of pouch type battery cells. PPM (Max) 18 ppm (Ave. 16.5 ppm?) ... iBAIS-S200 the complete inspection equipment for Battery Cell which applies High-tech 2D/3D inspection technology and Deep learning Vision inspection ...

The utility model provides a kind of inspection battery appearance communications device, belongs to battery production and packing technique field.The airtight check device of battery includes longitudinal carrier, horizontal support, detection platform;It further include pressing mechanism, width detection block, length detection block, the pressing mechanism is fixed on ...

Inspection of appearance and structure The calendar life test is an assessment of the deterioration of a battery's performance over time in a non-working state (i.e. during long-term storage or non-charge and discharge). The

test focuses on the degradation process of the battery under constant environmental conditions. Inspection of appearance and structure Appearance ...

The AVI inspection machine for appearance defects of 3C products is mainly used for defect detection of 3C product appearance, improving production line yield and the process control capability of manufacturers. The main application areas include mobile phones, laptops, tablets, LCD modules, wearable devices, televisions, etc.

The present invention relates to a secondary battery appearance inspection device and a secondary battery appearance inspection method. The secondary battery appearance inspection device comprises: a hand configured to simultaneously rotate a plurality of secondary batteries aligned in a lateral direction; a lighting unit configured to simultaneously irradiate light to the ...

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