

Close-up of the water and impact resistance test for Apple's iPhone 15

Let's join famous YouTuber Marques Brownlee, a rare person invited by Apple into the testing area to see how the iPhone 15 is tested for water resistance and durability.

Apple's iPhone 15 series meets IP68 standards, equivalent to dustproof and can operate underwater at a depth of 6 meters for up to 30 minutes.

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In the first area, the iPhone 15 is tested for water resistance. The device is placed on a tray and water drips directly onto the surface, then water is sprayed from all angles through a high-pressure pump system to determine compliance with IPX6 standards. Finally, the iPhone is put into a case, applied more pressure and then immersed in water to complete the IP68 standard.

To test the impact resistance of the iPhone 15, the device will be dropped at different angles. The collision process will be recorded with high-speed cameras and lights for realistic assessment.

Apple also tested the iPhone 15 with a system that creates vibrations at certain frequencies, helping the company monitor the impact when users ride the subway, car or motorbike on electronic systems, cameras, especially Optical anti-vibration structure.

The first water-resistant phone was the Motorola Defy, launched in 2010. It was 6 years later that Apple first launched a water-resistant iPhone with IP67 standards, the iPhone 7 and iPhone 7 Plus. .

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