

ARTEC LEO HANDHELD 3D SCANNER – WHAT CAN IT DO?



Artec 3D, manufacturer of 3D hardware and software, launched **Artec Leo**, a handheld 3D Scanner in 2017. Artec Leo is a one-of-a-kind smart device. In addition, it is one of the **fastest handheld scanners** in the world. It is truly an innovative piece of tech. Therefore, we are proud to offer the Artec Leo on sale here, at Central Scanning.

ARTEC LEO 3D SCANNER | AN INDUSTRY MILESTONE

The device can capture up to 80 frames per second (FPS) and is being dubbed an industry milestone. Artec has successfully created a 3D scanner, that can both collect and process data without the need to connect it to an external device. The **Artec Leo handheld 3D scanner** autonomously processes large amounts of data onto the device. In addition, only requires minimal knowledge and experience to master!

This ergonomically designed 3D scanner has a built-in battery pack. However, it also has a new and improved more balanced design that allows for ease of access to hard to reach locations and wireless operation. Therefore, it is clear to see that Artec is intent on creating tech that can keep up with today's industries. While also, being as easy and accessible as any other video shooting equipment.

DOMINATING THE MARKET

Previous models have struggled to capture large scenes. However, the **Artec Leo** has a much larger field of view with a 3D reconstruction rate of 80 FPS. This makes scanning large objects and areas easier than ever before. Equally, users now have the ability to use the scanner to capture close up and more intricate details within an extremely high 3D point accuracy of 0.1 mm. Whether you are looking to digitize a large scene or a smaller, more detailed area, the Artec Leo is perfect.

The Artec Leo is undoubtedly the most innovative and powerful 3D scanner currently on the market. It has the capability of capturing and processing up to 256 GB of captured 3D data on its SSD drive. Additionally, with its custom ergonomic design, it is not difficult to see why this machine is dominating the market. The scanner is equipped with a 9 degrees of freedom (DoF) inertial system. Therefore, this allows the device to seamlessly understand the subtle differences. For instance, between the scanned object, its position, environment, the surface it is on and the surrounding walls. By autonomously inputting all this data, the scanner is quickly able to erase any unwanted data and digitise only what was intended. Texture mapping has also been greatly improved. It has a state-of-the-art, two-in-one optics system fitted with a combined 3D camera and colour camera. The **Artec Leo** is now able to achieve never before seen textures with improved accuracy at a resolution of 2.3 megapixels! The scanner also employs the use of disruptive VCSEL light source technology to perfectly capture objects in bright lighting. This is particularly outdoors- something other 3D scanners have always struggled with.

ARTEC LEO HANDHELD 3D SCANNER FOR SALE AT CENTRAL SCANNING

Without question, the **Artec Leo handheld 3d scanner** has revolutionised 3D scanning. It has redefined the boundaries within visual and AI computing. In a simple and lightweight handheld device each user holds the ability to 3D capture any scene or object they wish. For more information about purchasing the Artec Leo, you can contact **Central Scanning Ltd**, the official reseller of Artec 3D products and also learn how this scanner can be utilised in your business.