Creality CR-Scan Raptor 3D Scanner

LKR 604,200.00

- **6-Month Warranty Included** for worry-free operation.
- **Scan tiny parts to large objects:** Capture objects from as small as 5 mm up to 2 m.
- **Fine detail:** Blue-laser scanning reaches up to 0.02 mm accuracy.

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- **Fast scanning:** Capture at up to 60 fps in blue-laser mode.
- **Two scanning modes:** Combine 7 blue laser lines with structured NIR infrared scanning.
- **Colour, without the extra fuss:** Capture 24-bit colour and scan black or metal objects without scan sprays.

Creality CR-Scan Raptor 3D Scanner

Bring Real Objects Into Your Digital Workflow

Need to turn a physical part into a detailed 3D model? The CR-Scan Raptor combines seven parallel blue laser lines with structured infrared light, letting you scan objects ranging from tiny components to larger forms. Its scanning accuracy reaches up to 0.02 mm in blue-laser mode, making it useful for work such as reverse engineering, automotive parts, digital modeling and AR/VR assets.

At *Master3D*, we offer the Creality CR-Scan Raptor 3D Scanner for creators and professionals who want detailed scans with less setup. It supports 24-bit colour scanning, anti-shake protection and scanning of black or metal objects without scan sprays. At 372 g, it’s light enough for handheld use during longer scanning sessions.

Key Specifications

- **Scanning technology:** Seven parallel blue laser lines and structured NIR infrared light
- **Accuracy and 3D resolution:** Blue laser accuracy up to 0.02 mm at 100 mm, with 0.02–2 mm resolution; NIR accuracy up to 0.1 mm, with 0.1–2 mm resolution
- **Scanning speed:** Up to 60 fps in blue-laser mode and 20 fps in NIR mode
- **Object size:** Scans objects from 5 × 5 × 5 mm^3 up to 2,000 × 2,000 × 2,000 mm^3; NIR mode has a minimum scan volume of 150 × 150 × 150 mm^3
- **Connection and compatibility:** Type-C and USB 3.0 interfaces; supports Windows 10/11 (64-bit) and macOS

A Flexible Tool for Detailed Scanning

From capturing small parts to digitizing larger objects, the Raptor gives you two scanning modes in one compact device. Its colour capture and broad object-size

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range make it a practical choice for design, modelling and inspection workflows.

FAQ

1. **Q.Can it scan black or metal objects without spray?**
   A.Yes. The product listing says the Raptor can scan black and metal objects without scan sprays.
2. **Q.Does it capture colour and texture?**
   A.Yes. It supports 24-bit colour scanning and colour mapping, with white LEDs to illuminate the object.
3. **Q.Which computers can I use with it?**
   A.The listed operating systems are Windows 10/11 (64-bit) and macOS. The scanner connects through Type-C or USB 3.0.

Specification	Details
Scanning technology	Blue-light scanning with 7 parallel laser lines structured NIR infrared scanning
Scanning accuracy	Blue laser: up to 0.02 mm at 100 mm NIR: up to 0.1 mm
3D resolution	Blue laser: 0.02–2 mm NIR: 0.1–2 mm
Scanning speed	Blue laser: up to 60 fps NIR: up to 20 fps
Minimum scan volume	Blue laser: 5 × 5 × 5 mm^3 NIR: 150 × 150 × 150 mm^3
Maximum object size	Up to 2,000 × 2,000 × 2,000 mm^3
Working distance	Blue laser: 150–400 mm NIR: 170–1,000 mm
Colour scanning	Yes, with colour mapping and 24-bit colour capture
Alignment modes	Blue laser: marker NIR: marker, geometry and texture
3D imaging camera resolution	1920 × 1200
Lighting	12 white LEDs; 12 infrared LEDs for marker detection
Image stabilization	IMU and anti-shake support
Laser safety class	Class 1
Interface	Type-C and USB 3.0
Input power	12 V, 2 A
Supported operating systems	Windows 10/11 (64-bit) and macOS
Device dimensions	215 × 50 × 74 mm

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Specification	Details
Device weight	372 g

Disclaimer: Dimensions and weight may differ slightly. Pictures are for reference only.

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