



# Skaner 3D Revopoint MetroY



Modelis: METRO-Y

Gamintojas: REVOPOINT

EAN: 6975577881458

Prekės kodas: 355476

## 1,337.99€

### Revopoint MetroY 3D scanner

Revopoint MetroY is a professional 3D scanner designed for engineers, designers, makers and quality control specialists working with small to medium-sized components. The device scans objects as small as  $10 \times 10 \times 10$  mm to as large as  $1 \times 1 \times 1$  m, maintaining a high volumetric accuracy of  $0.02 \text{ mm} + 0.04 \text{ mm} \times L$  (m). It also excels at capturing speeds of up to 1,500,000 points per second. All this makes the MetroY model great for even complex tasks!

### Wide range of scanned objects

The MetroY scanner can perfectly handle objects of various sizes - from small technical components (from 10 mm) to items as large as 1 m. This allows you to efficiently perform scans of both precise small parts and more complex structures without having to change the device. Such versatility allows you to use the product in a variety of design and manufacturing processes, both in smaller studios and large industrial plants.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

## Several scanning modes to choose from

The MetroY uses a set of 30 blue laser cross lines, 15 parallel lines and one single line, enabling accurate scanning of a wide variety of objects. There are also several modes to choose from. Cross-Lines makes it easy to capture shiny and dark materials, Parallel-Lines works well for fine and complex details, and Single-Line allows you to accurately capture the geometry of deep holes, channels and hard-to-reach areas using markers.

## High precision and mapping stability

The device provides a volumetric accuracy of  $0.02 \text{ mm} + 0.04 \text{ mm} \times L \text{ (m)}$ , which guarantees data consistency throughout the model - even when working with larger parts. This is very important in engineering, where the scanner is used for dimensional inspection, component matching or shape verification.

## Fast data acquisition

Scanning speeds of up to 1,500,000 points per second reduce the preparation time of 3D models, which is especially important when there are a large number of scans or the process needs to be repeated frequently. The multi-line laser works stably and efficiently, facilitating work in areas that require fast data acquisition without compromising on quality.

## Spray-free operation on selected surfaces

MetroY makes it possible to scan many dark and glossy surfaces without first using spray. In many cases, this reduces set-up time and simplifies the entire process. In more challenging situations, such as with transparent, highly reflective or metallic surfaces, you can apply the spray as instructed to achieve optimal results.

## Convenient connectivity: Wi-Fi 6 and USB-C

MetroY can operate wired or wirelessly. Wi-Fi 6 connectivity allows you to quickly transfer data to your computer or mobile device, giving you full freedom of movement while scanning. The USB-C port, on the other hand, provides a stable and fast connection - proving useful, for example, in a lab

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

environment or for long scanning sessions.

## **Ergonomic design and low weight**

The Metro scanner weighs only about 447 g, so you can use it comfortably for long periods of time - without feeling tired. The ergonomic handle allows you to confidently guide the device along edges and complex surfaces, and a set of four buttons allows you to operate it intuitively.

## **A complete set ready for action**

The kit includes not only the scanner, but also a USB-C to USB-C cable, power adapter, calibration board, carrying case and 200 markers. This makes the device ready to use right out of the box, with no need to purchase additional items. In addition, the MetroY model is compatible with the Marker Block Kit and Mobile Kit (3rd generation), which expands its application possibilities.

## **Advanced Revo Metro software**

Revo Metro software enables processing of scan data and preparation of models for further work. It supports export in PLY, OBJ, STL, ASC, 3MF, GLTF and FBX formats for seamless integration into popular applications. Compatibility with Windows, macOS, Android and iOS gives users the flexibility to work on their preferred platform.

## **Multiple applications**

MetroY will find applications in reverse engineering, rapid prototyping, quality control and additive manufacturing. With the ability to capture accurate geometry and color, it enables the analysis of engineering components, the rapid creation of reference models and the development of complex components.

## **Included**

- 3D scanner
- USB-C to USB-C cable
- Power supply

---

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903

- Markers x200
- Transport case
- Calibration board
- Documentation (quick start guide, certificate, warranty card)

<b>Manufacturer</b>	Revopoint
<b>Model</b>	MetroY
<b>Scanning type</b>	Manual scanning
<b>Technology</b>	Multi-line Laser Scan
<b>Object size range</b>	From small to medium
<b>Precision of a single frame</b>	Up to 0.01 mm
<b>Accuracy of a single frame</b>	Up to 0.02 mm
<b>Volumetric accuracy</b>	0.02 mm + 0.04 mm × L (m)
<b>Minimum point distance</b>	Up to 0.05 mm
<b>Working distance</b>	200-400 mm
<b>Single shot area at closest distance</b>	123 × 130 mm at 200 mm
<b>Single shot area at farthest distance</b>	290 × 260 mm at 400 mm
<b>Angle of field of view</b>	43 × 33°
<b>Minimum scanning volume</b>	10 × 10 × 10 mm
<b>Maximum scanning volume</b>	1 × 1 × 1 m
<b>Scanning speed</b>	Up to 1,500,000 points per second
<b>RGB camera resolution</b>	2 MP
<b>Color scanning</b>	Yes
<b>Tracking methods</b>	Markers, Global Marker
<b>Outdoor scanning</b>	No
<b>3D light source</b>	30 blue cross lines, 15 blue parallel lines, 1 blue single line

---

#### **Auxiliary lighting**

**12 blue LEDs**

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

www.shopro.lt | info@shopro.lt | +370 693 39903

<b>Processor</b>	2.0 GHz 4-core ARM
<b>Built-in processing chip</b>	Depth processing
<b>Number of buttons</b>	4
<b>Output file formats</b>	PLY, OBJ, STL, ASC, 3MF, GLTF, FBX
<b>3D printing readiness</b>	Yes
<b>Wi-Fi</b>	6
<b>Connector type</b>	USB-C to USB-C
<b>Power supply</b>	DC 12 V, 3 A
<b>Weight of the scanner</b>	447 g
<b>Dimensions (L × W × H)</b>	211 × 94 × 47 mm
<b>User recalibration</b>	Yes
<b>Supported accessories</b>	Marker Block Kit, Mobile Kit (3rd generation)

GPSR Link: <https://psr->

[assets.innpro.pl/creative\\_technologies/sg\\_creative\\_technologies\\_3d\\_scanners.pdf](https://assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_scanners.pdf), Gross weight:

3830, Net weight: 447, Box length: 44,00, Box width: 32,00, Box height: 18,00

---

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

[www.shopro.lt](http://www.shopro.lt) | [info@shopro.lt](mailto:info@shopro.lt) | +370 693 39903