

# Revopoint Reference Block Set



Model: MARKER-BLOCK-KIT

Manufacturer: REVOPOINT

EAN: 6975577880918

Product Code: 1279358

## R6,661

### Revopoint Reference Block Set

The Revopoint Reference Block Set is a practical solution that significantly improves the accuracy and stability of 3D scanning. By using markers with specific dimensions and varying geometries, the scanner receives more reference points, which translates to better object tracking and more accurate alignment of successive frames. In practice, this means fewer errors, fewer corrections, and a more predictable final result—especially when scanning smooth, symmetrical, or featureless surfaces.

### Greater precision thanks to more reference points

Each marker type in the set has a specific size and point layout, allowing the scanner to more easily recognize its position in space. Larger elements, such as pyramid markers (67 × 55 mm), are clearly visible even from a greater distance, making them ideal for larger objects. Smaller markers—spherical (30 mm) and dome-shaped (41 × 22 mm)—enable accurate detail capture during

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close-up scanning. This allows you to tailor your workflow to a specific project.

## **Different marker types = greater flexibility**

The kit combines point, spatial, and linear markers. Spheres and domes allow you to quickly create a grid of reference points around an object, pyramids stabilize tracking in more challenging conditions, and marker strips (205 mm long) assist with elongated elements or those requiring axis preservation. Additional self-adhesive markers (6 mm / 10 mm) allow for denser point coverage where even greater accuracy is required.

## **Magnetic Mounting and Stability**

Spherical, dome, and pyramid markers are equipped with 8 mm diameter magnets. This allows them to be quickly and securely placed on metal surfaces without additional mounts. Stable mounting reduces the risk of markers shifting during operation, which directly impacts scan quality.

## **Compatibility and application**

The set is compatible with most Revopoint 3D scanners, including the POP, POP 2, POP 3, RANGE, RANGE 2, INSPIRE, MIRACO, MIRACO Pro, and MetroX series (including laser modes). It works well for both quick overview scans and precise engineering projects where alignment accuracy and tracking stability are critical.

## **Included**

- 10 × spherical marker (magnetic)
- 10 × dome marker (magnetic)
- 4 × pyramid marker (magnetic)
- 4 × marker strip (205 mm)
- 500 × adhesive marker (6 mm)

|                     |           |
|---------------------|-----------|
| <b>Manufacturer</b> | Revopoint |
|---------------------|-----------|

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|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                                  | Marker Block Kit                                                                                                                                                            |
| <b>Material</b>                               | PP plastic                                                                                                                                                                  |
| <b>Compatibility</b>                          | Revopoint POP, POP 2, POP 3, RANGE, RANGE 2, INSPIRE, MIRACO, MIRACO Pro, POP 3 Plus, MIRACO Plus, MetroX, MetroY, MetroY Pro, INSPIRE 2, Trackit, MetroX Pro, MetroY Ultra |
| <b>Ball Marker (magnetic) - diameter</b>      | 30 mm                                                                                                                                                                       |
| <b>Ball Marker - weight</b>                   | 15 g / pc.                                                                                                                                                                  |
| <b>Ball Marker - magnet diameter</b>          | 8 mm                                                                                                                                                                        |
| <b>Dome Marker (magnetic) - dimensions</b>    | 41 mm (diameter) × 22 mm (height)                                                                                                                                           |
| <b>Dome Marker - weight</b>                   | 10 g / pc.                                                                                                                                                                  |
| <b>Dome Marker - magnet diameter</b>          | 8 mm                                                                                                                                                                        |
| <b>Pyramid Marker (magnetic) - dimensions</b> | 67 mm (base) × 55 mm (height)                                                                                                                                               |
| <b>Pyramid Marker - weight</b>                | 40 g / pc.                                                                                                                                                                  |
| <b>Pyramid Marker - magnet diameter</b>       | 8 mm                                                                                                                                                                        |
| <b>Bar Marker - dimensions</b>                | 12 × 12 × 205 mm                                                                                                                                                            |
| <b>Bar Marker - weight</b>                    | 45 g / pc.                                                                                                                                                                  |
| <b>Self-adhesive markers - inner diameter</b> | 6 mm                                                                                                                                                                        |
| <b>Self-adhesive markers - outer diameter</b> | 10 mm                                                                                                                                                                       |

GPSR Link: <https://psr->

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