


# 3D PhotoBench Air Technical Specifications

## Product Dimensions

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|---|---|
| **Product Dimensions (L x W x H):** | 27.6 × 14 × 29.6 in (70 × 36 × 75 cm) |
| **Product Weight:** | 132.3 lbs (60 kg) |
| **Shipping Dimensions:** | 33 x 20 x 34 in (83.8 x 50.8 x 86.4 cm), 108 lb (49 kg)<br>21 x 21 x 17 in (53.3 x 53.3 x 43.2 cm), 41.9 lb (19 kg) |
| **Shipping Weight (Total):** | 149.9 lb (68 kg) |
| **Max Object Shooting Size:** | |
| Side Shots: | 10.2 × 10.2 × 9.3 in (26 × 26 × 24 cm) |
| 360 Shots: | 10.2 × 10.2 × 9.3 in (26 × 26 × 24 cm) |
| **Turntable Diameter:** | 6 in (15cm) |
| **Turntable Type:** | Center Driven Spin, -7 to +7 Degree Tilting |
| **Max Object Weight:** | 5 lbs (2.3 kg) |
| **Turntable Accuracy:** | 0.35 degrees |
| **Turntable Speed:** | Low 50.2<br>Medium 24.9<br>High 16.5 |
| **Assembly / Disassembly:** | Very Limited / Documented |
| **Mobility:** | Adjustable Legs, Does not roll |

## Computer / Software Requirements

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|---|---|
| **Operating System:** | Windows / Mac (Software Requirements Page) |
| **Ports:** | 3 USB ports (2 camera and 1 system), 1 Shutter Release, 2 Power Ports, 2 Electrical Sockets, 1 Air Vacuum Port |
| **Cables:** | 1x 10ft USB B to A, 1x 10ft USB B to C<br>1x 6ft Power Cord |
| **2 Internal Camera Mounts:** | Low, High (Adjustable X, Y, & Z) |

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## Power Specifications

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| **Amps, Watts, Voltage:** | 1.1 Amps, 110 Watts, 100 ~ 240 Volts (not including the power consumption of Muffler Box) |

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## Lighting Specifications

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| **5 Dimmable LED Light Sources:** | Top, 4 Front Sparkle Lights |
| **Color Temperature:** | Adjustable 3000K to 5700K ± 200K |
| **Color Rendering Index (CRI):** | 95+ |
| **Dimming Control:** | 0 - 100% in 1% increments |
| **LED Service Life:** | 50,000+ Hours |
| **Optional Diffusion Covers:** | Yes |

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## Output Options

**Still:**

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| Output Format: | JPG, PNG, RAW, WebP, TIFF, TIFF Alpha, PSD, AVIF, HTML |

**360:**

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|---|---|
| Max Number of Images: | Up to 1024 still frames |
| 360 Output Formats: | - Still Photos<br>- GIF |

- Photo Sequences
- Stitched Animations in HTML (Images in JPG, PNG, WebP)

**Video:**

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|---|---|
| Max Video Size: | 8K (camera dependent) |
| Video Output: | MOV, MP4 |
| Compression: | H.264, H.265, AV1 |

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## Parts and Accessories

**1.** Loop platform

**2**. Round platters with different diameter center holes x 7
- 1 & 2 mm thin matte black
- 2 mm thick matte black
- 1 & 2 mm thin matte white
- 2 mm thick matte white
- 2 mm thick glossy white

**3.** 6" (150 mm) Metal turntable platform

**4.** Front sparkle light panels x4

**5.** Circular cover plate

**6.** Front sparkle light diffusers

**7.** Air caps with different ditches x 5

**8.** Hearts & Arrows scope with 3 optical O-rings (different size holes)

**9.** Riser for Hearts & Arrows scope

**10.** Lens loop

**11.** Hood

**12.** Reflector plate

**13.** Wall background with different surface treatments and colors x 2

**14.** Suction cup

**15.** Tweezers

**16. 17.** Power cable

**18.** 2 USB cables (1 B to A and 1 B to C)

**19.** 3/8" to 1/4" Reducer bushing x 2

**20.** Several small brushes

**21.** Ortery Capture Software Box