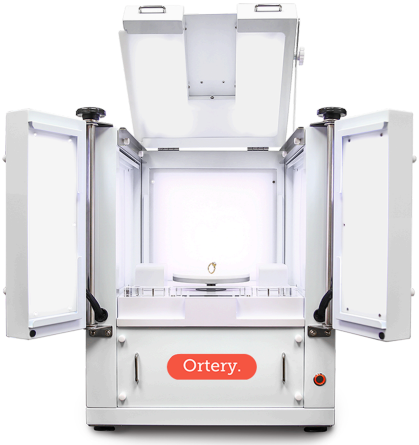

3D PhotoBench 80 Air Technical Specifications

Product Dimensions

Product Dimensions (L x W x H):	20.8 × 16.8 × 23.4 in (53 × 43 × 59 cm)
Product Weight:	138.9 lbs (63 kg)
Shipping Dimensions:	29 x 24 x 35 in (73.7 x 61 x 88.9 cm), 123.5 lb (56 kg) 21 x 21 x 17 in (53.3 x 53.3 x 43.2 cm), 41.9 lb (19 kg)
Shipping Weight (Total):	165.4 lb (75 kg)
Max Object Shooting Size:	
Top Shots:	10.2 × 10.2 in (26 × 26 cm)
Side Shots:	10.2 × 10.2 × 8.7 in (26 × 26 × 22 cm)
360 Shots:	6 × 6 × 7.9 in (15 × 15 × 20 cm)
Still Shot Platform:	White Acrylic 10.75 x 10.83 x 1.02 in (27.3 x 27.5 x 2.6 cm)
Turntable Diameter:	Acrylic Turntable Platform 7.87 in (20 cm) Metal Turntable Platform 5.9 in (15cm)
Turntable #1:	Bottom-Lit, Center-Driven
Turntable #2:	Center Driven Spin, -7 to +7 Degree Tilting
Turntable Speed:	Low 50.2s Medium 24.9s High 16.5s
Turntable Accuracy:	0.35 degrees

Turntable Covers:	Included
Max Object Weight:	3 lbs (1.4 kg) at acrylic turntable platter center 5 lbs (2.3 kg) at metal turntable platter center 6 lbs (2.72 Kg) on Still Shot Platform
Assembly / Disassembly:	Very Little / Documented
Mobility:	Adjustable Legs, Does not roll

Computer / Software Requirements

Operating System:	Windows / Mac (Software Requirements Page)
Ports:	1 USB, 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 1x 6ft Power Cord

Power Specifications

Amps, Watts, Voltage:	3.5 Amps, 350 Watts, 100 ~ 240 Volts (not including the power consumption of Muffler Box)

Lighting Specifications

8 Dimmable LED Light Sources:	Bottom, Back, Left Door, Right Door, Left Wall, Right Wall, Top, Front (Up to 4 Sparkle Lights Configuration)
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
Reflection / Diffusion Control:	2x Watch Diffusion Covers (Anti-Reflection Covers) 2x Adjustable White Blocking Arms (Sliding Arms & Acrylic diffusion plates) 3x White Metal Door and Ceiling Covers - Adjustable (Cover Plates) Special Tools for Fire, Brilliance, Sparkle and Hearts & Arrows

(Loose Diamond Kit, sold separately)

Output Options

Still:

Output Format:	JPG, PNG, RAW, WebP, TIFF, TIFF Alpha, PSD, AVIF, HTML5

360:

Max Number of Images:	Up to 1024 still frames
360 Output Formats:	- Still Photos, Photo Sequence, GIF - Stitched Animations in HTML (Images in JPG, PNG, WebP)

Video:

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

Parts and Accessories

1. 2 Top acrylic panels (1 square and 1 U-shaped)

2. 2 Anti-reflection Cover

3.a 7 Mounted platters with different diameter center holes (1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0 mm)

3.b 7 Translucent cutting edge bottom light platters with different diameter center holes (1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0 mm)

3.c Several small brushes

3.d 4 Round Disks with Different Surface Treatments

4. Back wall

5. 6" (150 mm) Metal turntable platform

6. 4 Front sparkle light panels

7. Circular cover plate

8. Bottom light module with 8" (200 mm) transparent turntable

9. 2D Still Shot Platform

10. 3 Cover plates (2 solid (short and long) and 1 with an opening)

11. 3 Camera mount sponges

12. Clear sealing tape

13. Power cable

14. 2 USB cables (1 B to A and 1 B to C)

15. 2 Acrylic diffusion plates (short and long)

16. 2 Sliding arms

17. Ortery Capture Software Box