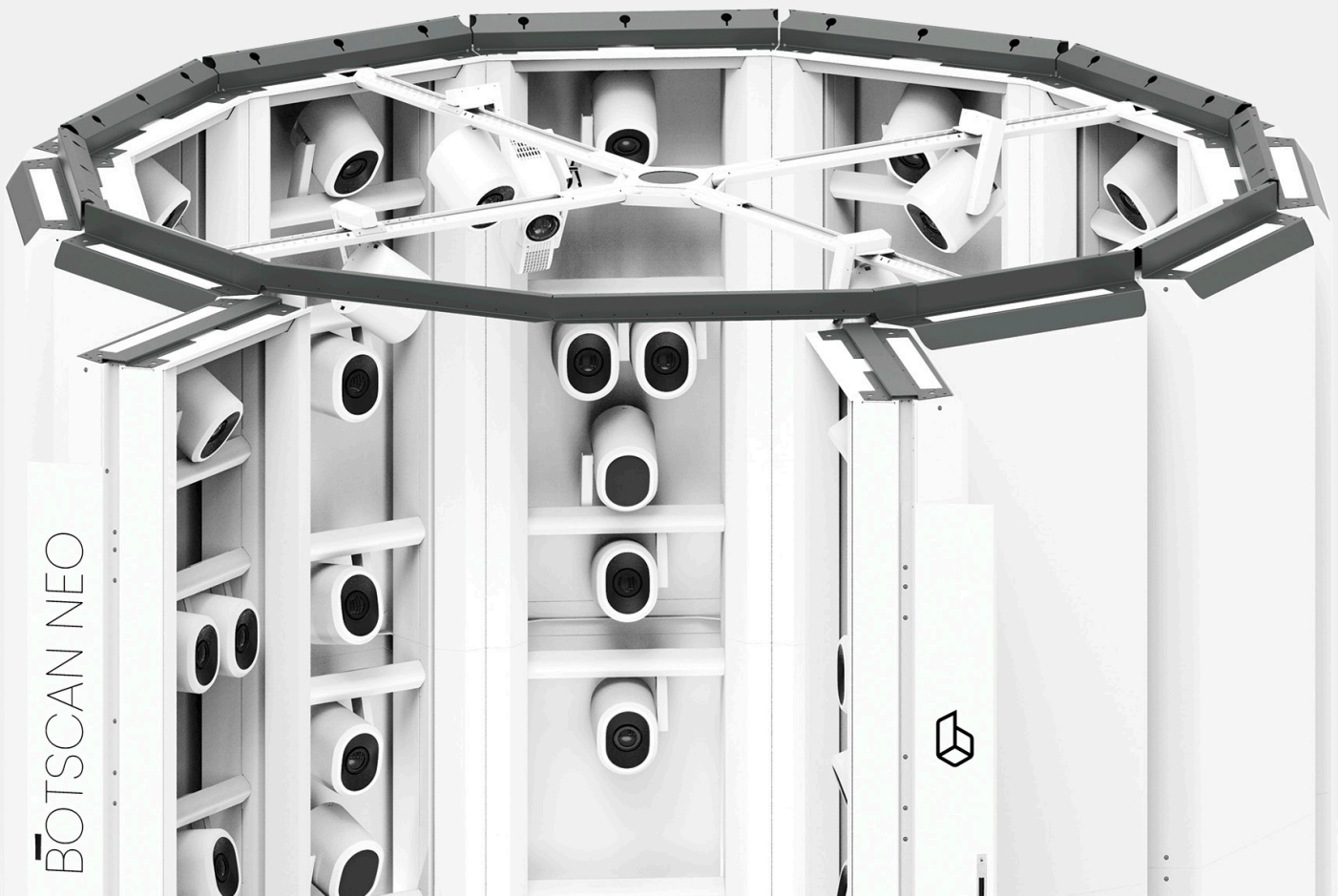




# BOTSCAN NEO

3D FULLBODY SCANNER  
PRODUCT DESCRIPTION



# BOTSCAN NEO

## TECHNOLOGY PACKAGE

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### BOTSPOT AUTOMATION SUITE

- Camera control, lighting, photogrammetry processing

### PATTERN PROJECTION

### CAMERAS

- 124 Canon DSLR Cameras
- Customizable up to 160 cameras

### BOTSPOT WORKSTATION

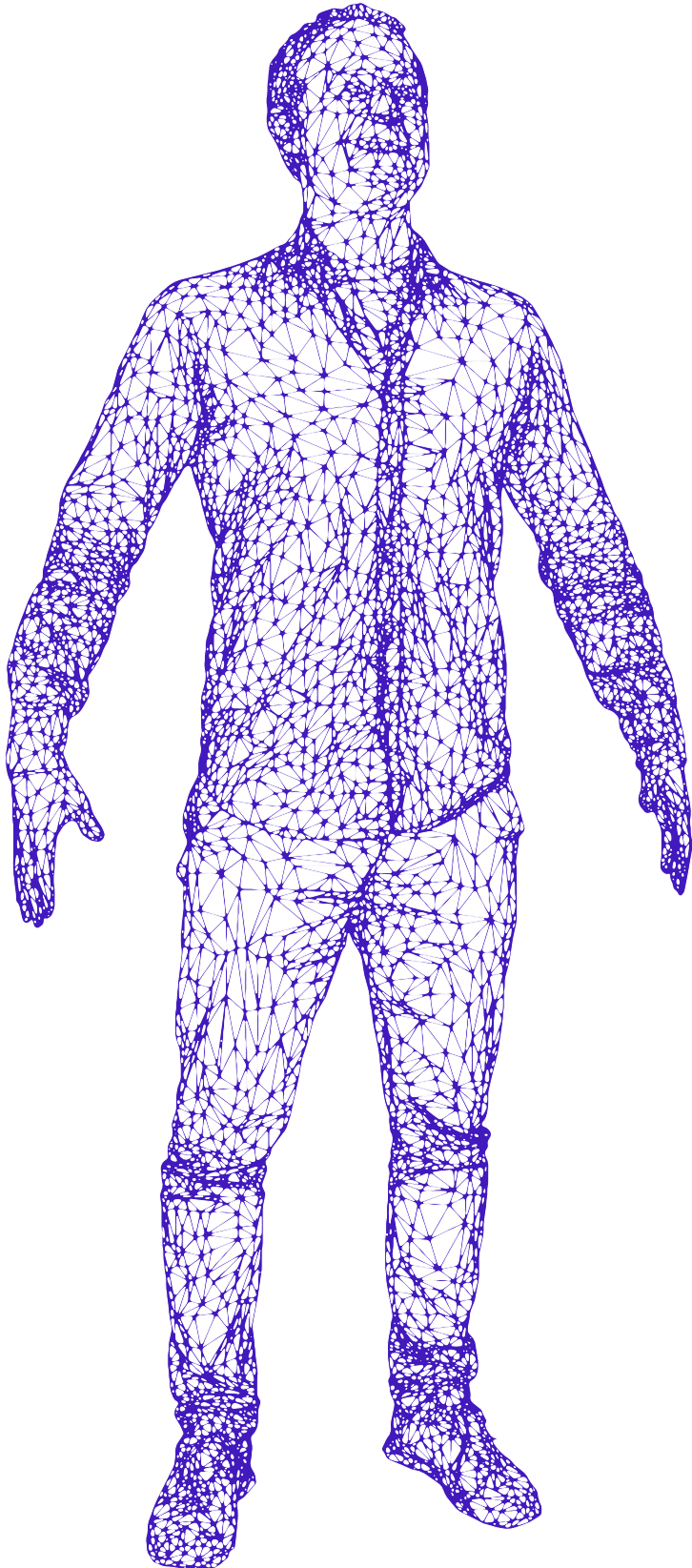
- Windows computer for controlling scan process and 3D model reconstruction
- Intel or AMD based CPU for high-speed processing
- CUDA based graphic card



# BENEFITS

## FOR YOUR BUSINESS

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### OPTIMIZED FOR HIGH VOLUME 3D MODEL PRODUCTION

- Walk in, scan, walk out
- Push button interface
- Scan complete in 0.01 seconds
- Model computation decoupled from scan workflow
- Automated generation of the 3D model without user input

### TRUE DIGITAL TWINS

- Repeatable millimeter measurement accuracy
- True colors
- Photorealistic textures
- Upgradable face package for movie-quality face models

### HAZARD FREE NON-CONTACT SCANNING

- No lasers
- No protective gear necessary

# INFORMATION

## DATA SHEET

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### PERFORMANCE

Scan Time	0.01 second, 0.6 with Pattern Projection
Pixel Resolution	down to 0.1mm
Max. Resolution of Polygons	scalable
Low Poly Options	yes (adjustable)
Texture	up to 16.384 x 16.384 pixels, 16.7 million colors, .jpg or .png
Scan Area (LxWxH)	1000 x 1000 x 2000mm
Data Output Formats	.fbx, .obj, .glb, .ply, .abc, .dae, .dxf, .xyz, .pxt, .las

### EQUIPMENT

Light	integrated ambient light and indirect flash system
Pattern Projection	included
Ventilation System	active exhaust system
botspot Workstation	windows computer for controlling scan process and 3D model reconstruction
Software Package	botspot SENSOR CONTROL, botspot AUTOMATION SUITE

### DIMENSIONS

Diameter x Height	3050 x 2460mm
Weight	800 kg

### ELECTRICAL REQUIREMENTS

Input	120-230 V AC / 50 Hz / 16 A
Power Consumption (idle)	up to 1.2 kW
Power Consumption (max.)	up to 1.8 kW

# PRODUCT LIST

## OUR 3D SCANNING SYSTEMS



### BOTSCAN NEO

- 3D scanning solutions for high-volume full body scans
- Automated scan-to-3D model workflow
- 3D models measurement accuracy at  $\pm 1\text{mm}$



### 3D OBJECT SCANNER

- Transparent turntable | no repositioning needed
- Integrated »Digital Spray« for homogeneous surfaces
- Polarized light to reduce reflections
- Automated scan process for marketing-ready 3D assets
- Fixed, fully automated setup with presets for easy operation and high model throughput



### 3D STUDIO SCANNER

- Transparent turntable | no repositioning needed
- Integrated »Digital Spray« for homogeneous surfaces
- Polarized light to reduce reflections
- Automated scan process for marketing-ready 3D assets
- Flexible solution for the experienced photogrammetrist, where all settings can be freely changed and adjusted.



### BOTSCAN ECOM | SHOE

- 3D scanning solutions for high-volume e-commerce
- Greatly reduces the need for 3D artists
- Automated scan-to-VR ready workflow
- Marketing-ready 3D assets