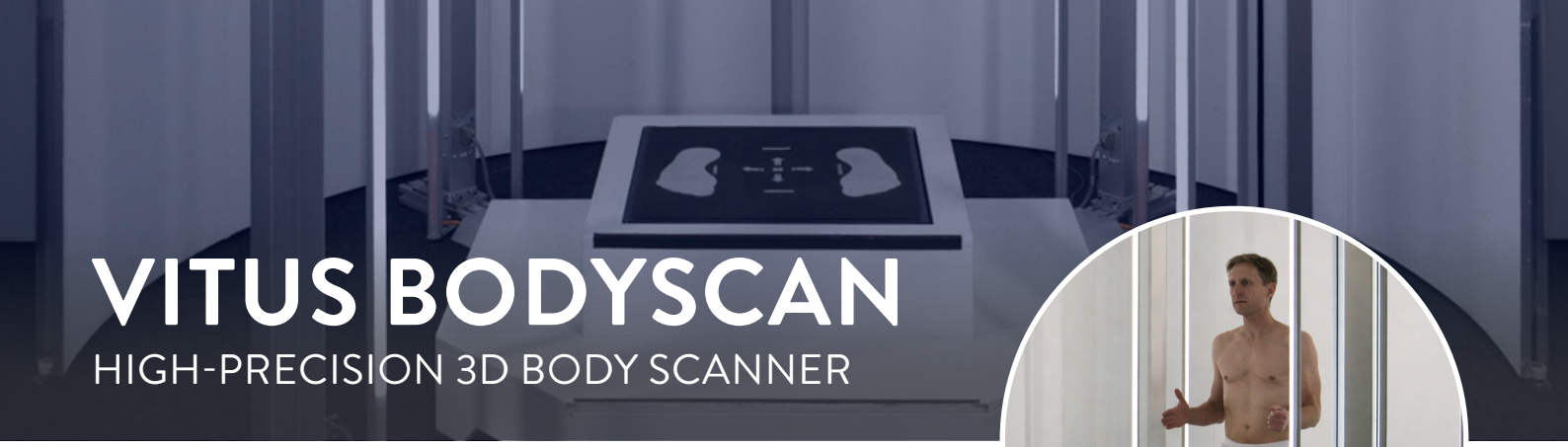

VITUS BODYSCAN

HIGH-PRECISION 3D BODY SCANNER

VITUSbodyscan transforms precise human body data into actionable digital insights with color and according to DIN EN ISO 20685 — enabling innovation in ergonomics, apparel development, research, industrial applications, and digital product design.

Precise 3D Body Scanning

The VITUSbodyscan is a state-of-the-art 3D body scanner engineered for precise, full-body anthropometric measurement. Using advanced optical scanning technology, it captures high-resolution 3D surface data within seconds: Delivering accurate, repeatable results for professional applications. All while ensuring ISO-compliant measurement accuracy.

Designed for reliability and efficiency, the system enables fast, non-contact data acquisition while ensuring maximum comfort for the scanned individual. Its robust construction and intelligent software provide automated measurement extraction and seamless integration into digital workflows.

Body Measurements

The Anthroscan body measurement software offers a variety of functions for the extraction of body measurements:

Automatic Body Dimensions: Automatic determination of more than 150 body measure-ments

Automatic Landmarks: Automatic location of more than 70 body landmarks

Expandable Body Measurements: User configuration possible; effective interactive and auto-matic determination; unlimited number of body measure-ments (lengths, circumferences, segments, angles)

R&D package3D Marker support

- Automated measurement protocols
- ISO 7250 and ISO 8559 measurement sets
- Calculation of volumes for body parts or whole body
- Calculation of skeleto

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Key Features

High-resolution 3D surface capture
300 points per cm² point density with color texture output

Fast scanning process
Full body capture within 10 seconds

Automated measurement extraction
more than 150 body measurements

Scalable solution for research and industry
Gold standard for 3D Body Scanning

Large scan volume
allowing for A-, reach- and seated scan poses

CONTACT US

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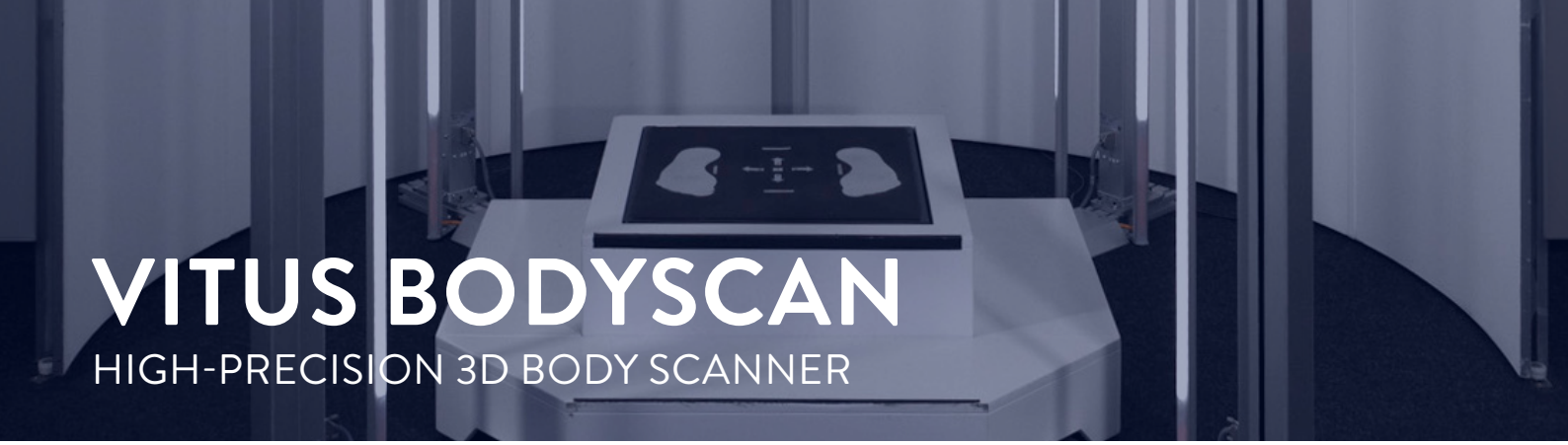
HUMANETICS



VITUS BODYSCAN

HIGH-PRECISION 3D BODY SCANNER

Hardware Requirements

SPECIFICATION	
Measuring principle	Optical traingulation with laser light, eye safe
Sensor Heads	8 sensors
Measurement Range	Height (Z): 2100 mm Depth (X): 1200 mm Width (Y): 1200 mm
Accuracy cylindrical tube 110 mm diam, 2100 mm height; constant temperature within the range of 15° - 30°C	Average max. girth error <1 mm
Scan Time	6 - 10 seconds
Point Density	≈300 pts / cm2
SCANNER SIZE	
Scanner Dimensions	Height (Z): 2950 mm Depth (X): 2400 mm Width (Y): 2400 mm
Area	4.84 m²
Total Weight	200 kg
Input Voltage	230 V / 50 Hz 115 V / 80 Hz 420 W
OPTIONS	
Option: Weight scale	Integrated in the pedestal for subject weight measurement
Options: Color - Visualisation	
Option: Anthropometrical measurement stool	
EXPORT FORMATS	
OBJ, STL (ASCII and binary)	

Laser Class 1