

ANTHROSCAN

REAL DATA.
REAL MEASUREMENTS.
REAL INSIGHTS.



Anthroscan is the leading software solution for the processing, analysis and evaluation of 3D body scan data.

Anthroscan enables precise, standardized measurement directly on the digital 3D scan – and is compatible with different scanner hardware and 3D scan files.

Anthroscan transforms 3D scans into actionable body measurement data – efficiently, reproducibly and standard-compliant.

Digital measurement made efficient

Manual measurements are time-consuming and often lead to errors.

Anthroscan automates measurement extraction on the digital body model and ensures consistent, traceable results.

Some of the main features are:

- » Anthroscan supports measurement implementation according to industry standards ISO 20685, ISO 8559 and ISO 7250
- » Length, circumference and angle dimensions
- » Body shape and posture visualization
- » Volume and surface calculations
- » Individually definable measurement scenarios

Measurement rules and evaluation logics can be configured on a project-specific basis – for maximum flexibility with a high level of standardization at the same time.

Scan Data Processing for Industry & Development

Anthroscan is used worldwide – in research environments and industry to evaluate and process 3D scan data professionally.

Typical applications:

- » Body analysis for Research and Development
- » Support for Anthropometric data collections
- » Preparation of data for ergonomic tools
- » Basis structured body databases
- » Processing of external 3D scan data
- » Creation of digital avatars

Anthroscan seamlessly integrates with Anthroscan Connect, RAMSIS, and other analysis tools.

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Key Features



AS supports the execution of measurements according to ISO 7250 and ISO 8559



Automatic extraction of more than 150 measurements



Volume and surface calculation



Infinite options for customized automatic and semi-automatic measurements



A unique surface reconstruction



Anthroscan product family:
A solution consisting of scanning and integrating the scan data into databases or online portals.

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The Anthroscan product family

Anthroscan has a modular design and can be expanded with functionalities needed.

Anthroscan Basic

The basic solution for professional scan data processing:

- » Controlling the scanner hardware
- » Visualization and processing of 3D scan data
- » Automatic (54 body measurements) and interactive measurement
- » Batch processing for automatic measurements and HTML protocols
- » Data export to standard 3D formats (OBJ, STL)

Anthroscan Apparel

Extension module for applications in apparel and fit development:

- » additional 53 Measurements according to ISO 8559
- » Anonymization of scan data
- » Creation of avatars

Anthroscan F&E

Expansion module for ergonomic and technical applications:

- » Extended measurement sets according to ISO 7250
- » Automatic more than 150 body measurements
- » Biomechanical functions (body part, body surface area, volume and skeletal calculation)
- » Creation of statistical and individual homolog avatars
- » Support of ergonomic product development (RAMSIS dimensions)

