

AI based body measure capturing

Over centuries, body measures have been taken manually by a tailors. Since the 1990s **3D body scanners** have been supporting the tailors and since the 2010s mobile scanning apps have arrived using AI to render a virtual 3D model out of a small video taken of the target person.

AI-based body measure capturing is a technology that uses **artificial intelligence (AI)** algorithms to measure the body dimensions of a person. It involves capturing various body measurements accurately and quickly, without the need for a physical tape measure or manual input.

The technology involves using sensors, cameras, or other imaging tools to capture an image or 3D model of the person's body. The AI algorithms then analyze this data to determine accurate body measurements, such as height, waist circumference, hip circumference, and inseam length.

AI-based body measure capturing has several benefits, including:

- **Accuracy** - The technology can capture precise body measurements with a high degree of accuracy, reducing errors in sizing and fit.
- **Speed** - The process of capturing body measurements using AI is much faster than traditional manual methods, which can save time and increase efficiency.
- **Convenience** - AI-based body measure capturing can be done remotely, eliminating the need for in-person measurements and reducing contact during the COVID-19 pandemic.
- **Personalization** - Accurate body measurements can be used to create personalized clothing recommendations and improve the overall customer experience.
- **Sustainability** - By reducing the need for multiple physical samples, AI-based body measure capturing can help reduce waste and improve sustainability in the fashion industry.

ZUGSEIL invested a lot of energy into developing its own [body measuring & size recognition tools](#), for leveraging superior knowledge along the supply chain, but is also open for the integration of [3rd party body measure recognition](#) software.

Related articles

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