AI posture analysis ✕ OWAS method

AI that automatically evaluates posture analysis using the OWAS method

Prevent Occupational Injuries!

VP-ERGONO
AI Ergonomic Evaluation System

Ovako
Working Posture
Analysing
System

AC4

AC2

Evaluation of Posture Improvement Using the OWAS method

The OWAS method is an internationally recognized posture measurement analysis method developed in Finland to solve health issues caused by poor work postures.

This method can be used to measure the harmfulness of certain work movements during high-load postures, rather than simply measuring the amount of load, allowing for an evaluation of improvement requirements (AC value).

▶ **4-level evaluation based on improvement requirement (AC value)**

▶ **Supports work environment improvement using analytical data**

Challenges Faced in Preventing Potential Occupational Injuries and Improving the Work Environment

▶ Health issues and resignations occur due to workload burden caused by posture

▶ Desire to reduce burden on workers but facing manpower shortage

▶ Unclear work evaluation and difficult to measure improvement

VP-Ergono has the solution!

VP-Ergono is the latest AI ergonomic evaluation system by **NEXT SYSTEM** that automatically detects the skeletons of people through video footage and analyzes the workload of workers. Instead of qualitative judgments by evaluators, VP-Ergono`s AI delivers objective, quantitative results. By using the OWAS method, AI automatically analyzes the results and visualizes the workload data in numeric values or graphs, helping to prevent work-related injuries by identifying physical strain and improving the work environment.

▲ **Product page**

Used in various fields

Manufacturing	Construction	Logistics	Customer Service

Manufacturing
To evaluate whether the posture of workers on an assembly line is putting excessive strain on them and to improve the work space from an ergonomic perspective.

Construction
In industries with high rates of lower back pain, analyzing workload on workers helps to identify potential health risks and improves posture, leading to healthier work environments and less wear and tear.

Logistics
In workplaces with different work postures, postures that put a strain on the body are often overlooked. Instructing workers on safe work postures can help protect their health.
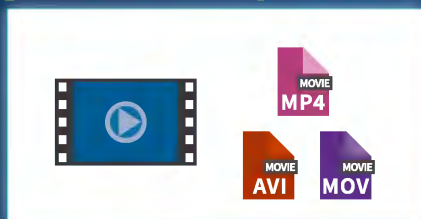
Customer Service
In environments where tasks are often performed repetitively in the same posture, analyzing work postures and improving work environment for staff can lead to better job quality.

3 features of VP-Ergono

Supports real time and prerecorded footage
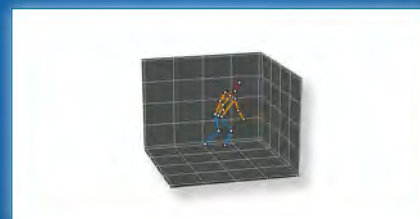MOVIE MP4
MOVIE AVI
MOVIE MOV

Both real-time footage from the camera and recorded videos are automatically analyzed by AI, displaying instant analysis results.

No need for specialized equipment
I-PRO

Just a PC is enough to get you started with load analysis. VP-Ergono`s easy implementation on-site and low initial cost make it accessible for easy adoption.

Analysis visualized in 3D and numeric values

The analysis results of the entire body are displayed in 3D on the screen, allowing for a complete confirmation of skeletal information. Additionally, the evaluation results in .CSV, delivered in format, can be freely processed and utilized.

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