

SENSOR MEDICA

We offer global technologies, Italian made. Through various synergies with universities, medical and sports scientific institutes, we are the only company in the global market that can offer a full range of devices for gait and motion analysis, posture evaluation and CAD-CAM orthotic production. To this end, we are continually growing, thus increasing our market share.

Read our scientific articles at:
www.sensormedica.com/site/en/scientific-research

Watch the tutorial videos on our youtube channel:
www.youtube.com/sensormedica

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easyCad insole

freeMed

freeStep

MOOVER

podoscan

podoscan3D

RUNTIME

Vulcan Series

FLEXINFIT

ULTRA
SCAN

CLOUD
INSOLES

SENSOR
medica®
Technology in Motion

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LABGRAFICA-STEX

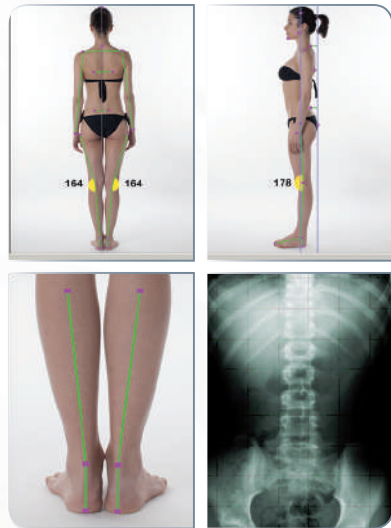
FOOT PRESSURE ANALYSIS
STABILOMETRY
BIOFEEDBACK
RANGE OF MOTION
VIDEOGRAPHY
CAD-CAM ORTHOTICS
CNC MILLING MACHINE

SENSORMEDICA.COM



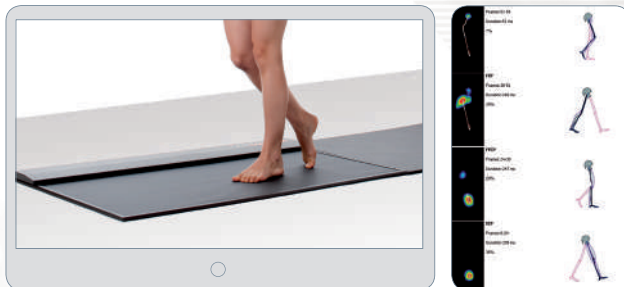
ABOUT US

Standing and walking are the most common and frequent movement, and the foot is the main body load-bearing part, indeed it has an important role when adjusting and maintaining the body posture.



FREEMED

GAIT ANALYSIS, BIOMECHANIS AND POSTURE



Freemed pressure platforms are developed for detecting patient's foot loads and their posture during standing and walking and for balance evaluation (stabilometry). Freemed sensorized platforms are produced in 6 different sizes.

RUNTIME

SENSORIZED TREADMILL



Thanks to the running surface being entirely sensorized, our treadmill enables accurate analysis of foot pressures, detecting the loads of distribution on the ground, barycentric movement and gait cycles during walking and running.

ULTRASCAN

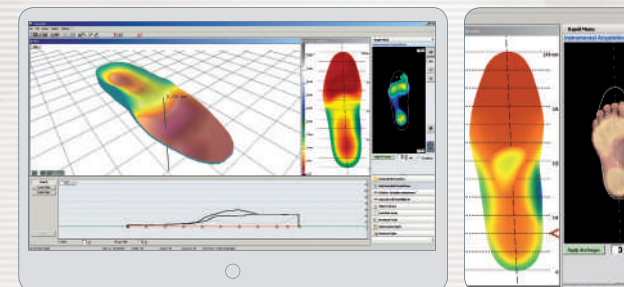
ULTRASONIC SCANNER



Ultrascan is a lightweight and compact ultrasonic scanner, a wireless system that creates high resolution images and sends them directly to our biomechanical and postural analysis software freeStep.

EASYCAD INSOLE

3D MODELING SOFTWARE



EasyCAD Insole makes the design process quick and easy for rapid orthotic production. This software is a powerful, professional and user friendly tool and it's represent the perfect combination of the orthopaedic technique and the modern technology of design.

CNC VULCAN SERIES

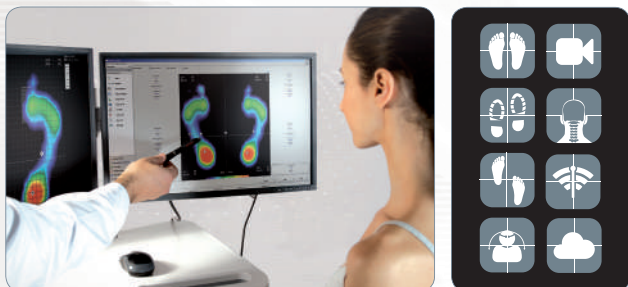
MILLING MACHINES



Vulcan production centres are professional machines exclusively developed for producing computerized foot orthotics. Completely designed and manufactured from our company in Italy, they are conceived for high operating speeds.

FREESTEP

AN ALL-IN-ONE SOFTWARE WITH MULTIPLE APPLICATIONS



Freestep is our software developed for the study of gait analysis, stabilometry, posture and biomechanics in motion. It represents the highest innovation for flexibility, functionality and reliability.

FLEXINFIT

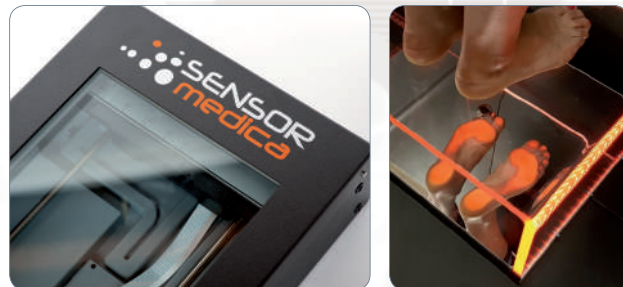
IN-SHOES PRESSURE ANALYSIS



FlexinFit is the evolution in the biomechanical and postural analysis. With more than four hundred sensors, the system allows to perform precise analyses inside the patient's shoe, to check the exam development in real time and to record the data flow up to four hours.

OPTOELECTRONICS 2D

SCANNER 2D AND PODOSCOPE



These instruments, thanks to the state of the art of our technology, allows a correct evaluation of the foot shape and of possible skin issues, highlighting the areas of greater pressure. Every single images are stored in our evaluation software Freestep.

MOOVER

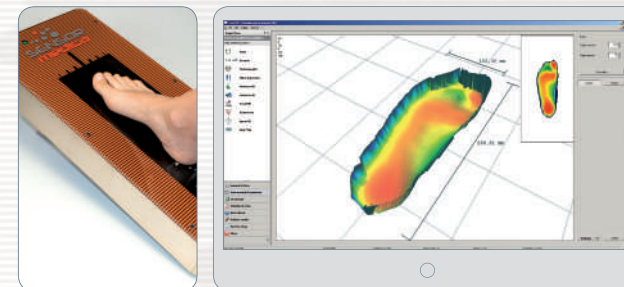
3D INERZIAL SENSOR OF MOVEMENT



The measuring device moover is a miniaturized sensor able to evaluate your motions, accelerations and revolutions. Its application in the scientific sphere allows the goniometric evaluation (range of movement) of the articulations.

LASER SCANNER 3D

PODOSCAN 3D



Podoscan 3D is a high definition optoelectronic instrument for the detection of the three-dimensional image of the foot physiology. The 3D scanner allows to capture the image of the foot in off load, half load and under load position.

CLOUD INSOLE

THE COMPLETE SOLUTION FOR ORDER MANAGEMENT



Cloud Insoles is a web app that connects the biomechanics and posture expert with a skilled specialist for manufacturing custom-made insoles. Through the cloud it will be possible to place orders, verify their status and follow their progress to the final delivery.