

Spike 2.0 – Foot 3D scanner

Spike 2.0 is a 3-dimensional contact measuring system.

Its main application is accurately measuring the foot's sole profile. The result is a 3D digital representation of the foot's sole, similar to a footprint in sand or foot impression foam. The measuring method is perfectly adapted to the requirements of orthopedic shoe technology.

1055 touch measuring sensors are evenly distributed over the measuring surface and result in a high-resolution measurement. Spike 2.0 is very easy to use.



This increases the quality of the measurement. For the sensors to move out to a maximum measurement height of 45 mm takes around 20 seconds. During the measurement of the foot's sole, the orthopedic specialist has both hands free to hold the patient's foot in the correct position. The measurements can be repeated as oft as required.

The use of individual touch sensors allows Spike 2.0 to automatically take into account the difference between hard and soft tissue and in doing so, accurately determine the shape of the foot's sole. This gives the necessary information to produce an insole that provides the optimal pressure distribution for the foot. The measurements are transferred to the FIF software and displayed in chronological order.

Spike is a built-in-device and is usually installed in a platform.

Technical data:

- Measurement area: 315 x 130 mm
- Maximum measuring height: 45 mm
- Measurement cycle duration: ca. 20 seconds
- PC connection via USB
- External dimensions: LWH 432x242x193 mm
- Weight: 12 kg
- Electrical supply requirements: 230 V / 50 Hz



Delivery contents:



- Spike 2.0 touch measuring device
- Power adapter
- USB 2.0 cable
- Cover for the measurement area