



spine 3D

Spine 3D is an innovative optoelectronic system, of three-dimensional detection, totally non-invasive, of the spine and back that allows an accurate evaluation of vertebral diseases and postural changes.



CERTIFICATIONS



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Spine 3D™

TECHNICAL FEATURES

PHYSICAL DATA

- Dimensions: 165x63x76 cm
- Weight: 47 Kg

ELECTRICAL DATA

- Power supply: 100-240 V, 50/60 Hz

TECHNICAL FEATURES

- Aluminium structure
- Motorized column with joystick
- Touch screen 27"
- Resolution: 1920x1080
- Format: 16:9
- Orientation: vertical
- 3D scanner
- Depth technology: Time-of-Flight (ToF)
- Operating range of measures: from 1 to 2 m

SOFTWARE

The analysis is performed by placing the patient 110 cm away from the camera. Acquisition is very fast, (less than 5 seconds) and the patient should remain in the natural position with relaxed arms along the sides. The back must be naked and that the furrow of the intergluteal must be visible. The main data that the software offers are:

- Length, inclination and imbalance of the column along the coronal, sagittal and transverse planes.
- Vertebral deviation and rotation
- Cervical and lumbar arrow
- Gross and kyphosis angle and depth
- Inclination and elevation of shoulders and pelvis

