

Analysis of Mechatronic Devices or Systems that Identify the Biomechanical Parameters of the Lower Limb

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This article will identify some of the most advanced systems for identifying biomechanical parameters in the lower limbs and the entire human body. Technology has evolved, from here, we have devices such as Kistler plate, with which we can identify forces and accelerations in the limbs, FootScan plate, this device shows the plantar position, center of gravity-pressure of the human body, foot pressure and last but not least, the XSens device, with the help of which various biomechanical parameters can be identified. At the same time, the article offers a multicriteria analysis, through which we can realize the performance of the mentioned devices.