

aPLI/Flex-PLI Stationary Calibration System SCS-PLI

- Suitable to aPLI and Flex-PLI;
- According to Manufacture and ECE R127;
- Including aPLI Bone, Femur/Tibia/Knee Assembly;
- Including Flex-PLI Bone, Femur/Tibia/Knee Assembly;
- Supply Calibration Fixtures;
- Controlled by Electronic Universal Testing Machine;
- High Precision Reference Load Cell, up to 22kN;
- High Precision Reference Pot. Meter, Range 100mm;
- Calibration Report Generate, and Template Modifiable;
- Support Upgrade with more Function Modules (e.g., Seatbelt Load Cell, Dummy Load Cell Calibration).

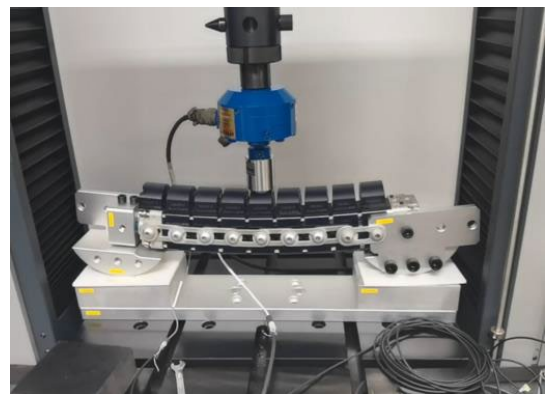


Stationary Calibration System SCS-PLI is designed for Pedestrian Legforms according to the requirement of Manufacture Instruction and ECE R127. The system mainly includes Loading Frame, Reference Load Cell, Reference Displacement, Data Acquisition Device, Sensor Interface Box, Calibration Fixtures and Software.

Technical Specification (20°C±2°C, 30%RH~75%RH):

Name	Result
Loading Force Max.	50kN
Loading Frame Moving	≥600mm
Loading Frame Moving Rate	0.1mm/min~500mm/min
Reference Load Cell	22kN
Ref. Load Cell Non-Linear	≤±0.035% FS
Reference Displacement	100mm
Ref. Displacement Non-Linear	≤±0.07% FS
Data Acquisition Device	8-Chs 24bit A/D Simultaneous Excitation Voltage 5V or 10V Range: ±10mV/V~±1V/V Sampling Frequency ≥20kHz
Sensor Interface Support	Connector LEMO EGG. 1B.307 Full/Half Bridge, Voltage Mode Support SHUNT Check
Connecting Cable	Supplied
Mainly Machine Weight	About 1500kg
Power	3kW 1P 220V ± 10%
Others	Including Raised Platform Including Safety Shield

aPLI Tibia Assembly Calibration Picture:



Flex-PLI Stationary Calibration Software:

