

haption

INCA™

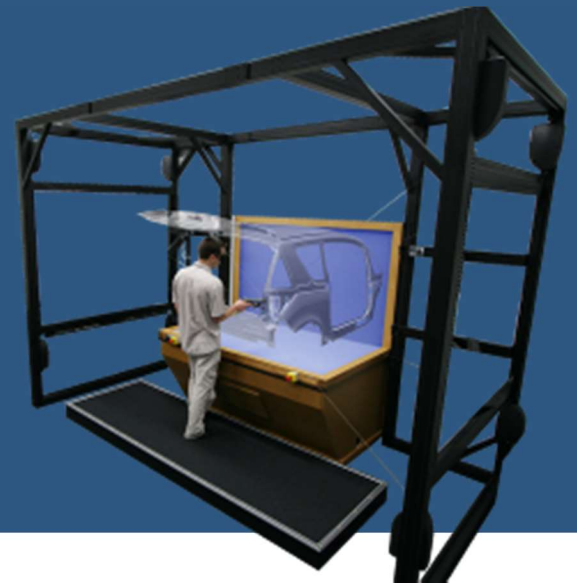
The Inca 6D is a haptic interface with 6 active degrees-of-freedom, specifically designed for large interaction in Virtual Reality environments.

Thanks to its large workspace and high forces, it enables a scale one interaction with digital mock-up from the CAD or any other virtual element.

Virtual Reality

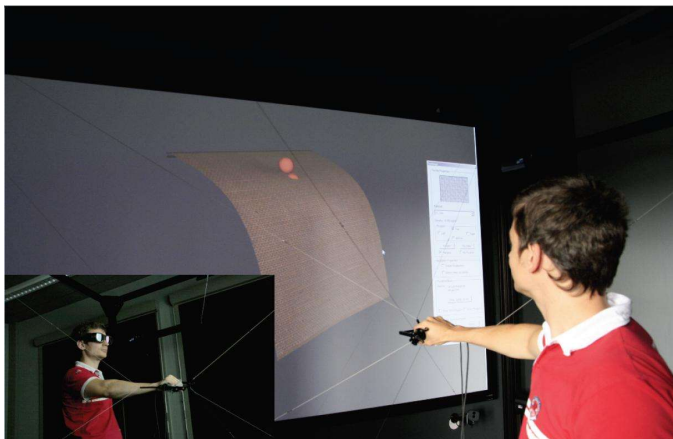
Industrial Simulation

Medical Rehabilitation



6 ACTIVE DEGREES-OF-FREEDOM

- ✓ Passive weight balancing
- ✓ EtherCAT communication system
- ✓ Removable handle, equipped with programmable buttons and a proximity sensor connected to a dead-man function
- ✓ Dedicated plug-ins for: Unity3D™, 3DExperience™, Catia™ & Delmia™ V5, Solidworks™, Siemens Tecnomatix™ & Classic Jack™
- ✓ Drivers (binary and/or source code) available for: Python™, Worldviz Vizard™, ROS™, CHAI3D™, ODE™, Matlab Simulink™, Nvidia Flex™, ...



The Inca's architecture made with cables and motors turns it into a versatile haptic device, whose workspace is customizable.

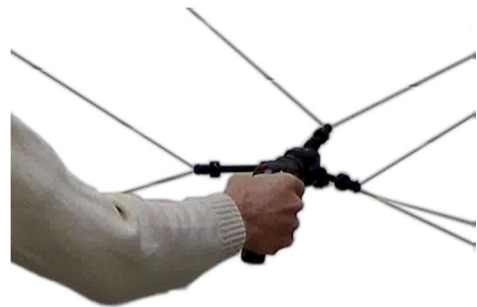


TECHNICAL

Translation force: Peak,	30 N / 10 N
Continuous	
Rotation force: Peak, Continuous	5 Nm / 1.5 Nm
Position resolution	0.02 mm
Rotation resolution	0.003 °

ELECTRICAL

Power supply	100-240 VAC 50/60Hz single phase
Consumption	Less than 225W
	Max consumption: 1280W



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