SmarAct Hand Controller

The universal SmarAct Hand Controller is designed for manual operation of positioning systems with up to six degrees of freedom like the SmarPod, TriPod or any other SmarAct positioning system. When used with the SmarPod GUI or Motion Control GUI application, it allows instant manual control of the positioning stages.

A software development kit allows you to integrate the SmarAct Hand Controller into your own C/C++, Python and LabVIEW™ programs. With hand controllers as additional input devices, your software users will be able to move positioners and manipulate other controllable variables in a more direct and intuitive way than with mouse and keyboard. Code examples for all supported programming languages are included.

The SmarAct Hand Controller is connected via USB to the PC running the control software – e.g. SmarPod GUI or Motion Control GUI – and offers six turning knobs to control each translational and rotational degree of freedom. It also lets you store and recall poses or position sets easily from your fingertips.

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SmarAct's Hand Controller for positioning systems with up to six degrees of freedom

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