

Air cushion: Pads and floors experiences

Thursday, 30 November 2017 08:30 (20)

Often, spectrometers and other components have to be moved on a horizontal plane without any restrictions and by a very low effort. In such cases air cushion pads are very popular.

Our used solution of air cushions and floors will be explained. The bellow sealing pads ("Hoover-type") and solid pads ("metal air cushion pads") will be described in case of applications and the collected experiences. The floor specifications and our developments will be showed. Additional floor changings and the way how we repaired them will be illustrated.

Finally our present developments in this area will be explained.

Formal Invitation Letter Required

Primary author(s) : Mr KELLER, Peter (Paul Scherrer Institut)

Presenter(s) : Mr KELLER, Peter (Paul Scherrer Institut)

Session Classification : Session D

Track Classification : Motion and instrument controls systems