

Interactive comment on “An instrumented sample holder for time-lapse micro-tomography measurements of snow under advective airflow” by P. P. Ebner et al.

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We thank the anonymous reviewer for his scrutiny and recommendations.

To give more information in the paper on possible applications of the expected experimental results, following sentences could be added to the end of section: "6 Conclusions"

"The results can be used for improving models of firn compaction and evolution, for understanding evolution of the snowpack in arctic regions, for elucidating the flux mechanism of trace gases exchanged between the ground and atmospheric air, and for pro-

C109

viding more accurate effective transport properties to forecasting models of late-stage alpine snowpack responsible for large scale avalanches."

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 4, 353, 2014.