

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

Anonymous Referee #2

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The paper presents design of new sample holder, developed for non-destructive investigation of snow recrystallization as affected by presence of a regulated air flow. Use of the new device can allow obtaining of previously impossible data on relation of the recrystallization process in snow with the isotopic and chemical content changes caused by heat- and mass-fluxes. The description is detailed enough. The expectations of the air flow uniformity through the sampler are supported by numerical computations. The sampler was tested experimentally with snow inside. The number and quality of references are sufficient. The overall structure of the paper is clear. I still think that it would be useful to give more information in the paper on possible applications of the

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expected experimental results. However, in present form the paper is also suitable for publication in GI.

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