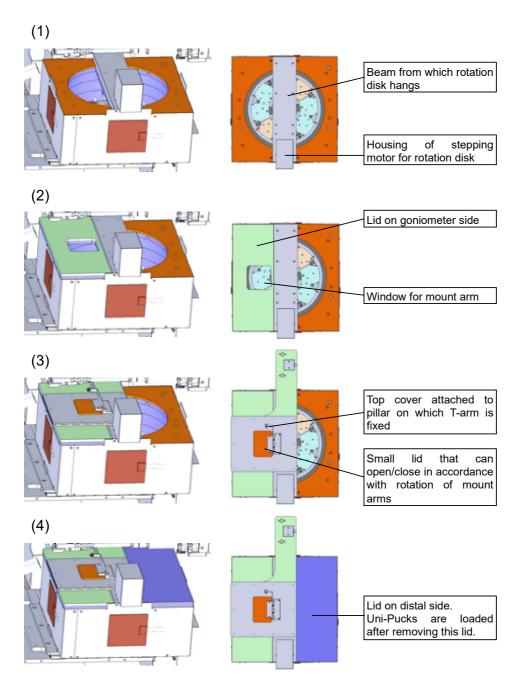


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Supporting information for article:

Development of SPACE-II for rapid sample exchange on SPring-8 **MX** beamlines

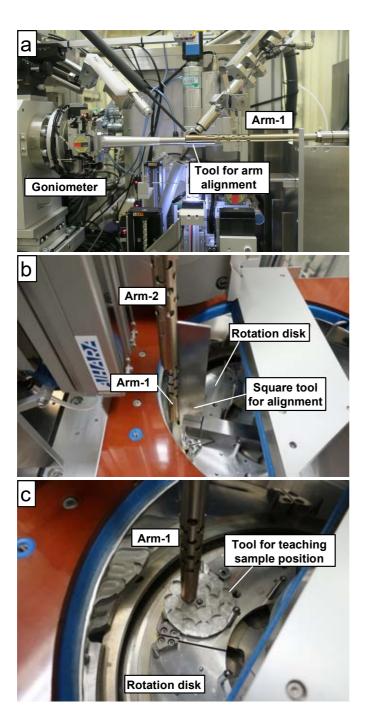
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**Figure S1** Assembly step of lids and cover plate of sample storage chassis.



**Figure S2** Implementation of safety light curtain to stop action of SPACE-II immediately when something crosses area between two yellow bars while SPACE-II is working.



**Figure S3** Tools for alignment and teaching of SPACE-II. (a) A tool to adjust orientation of Arm-1 direction to the goniometer. (b) A tool to adjust orientation of Arm-1 direction to the sample storage. (c) A tool for teaching sample position on a Uni-Puck. Teaching of sample positions is performed in the presence of liquid nitrogen whose level is just above the tool. The liquid nitrogen is removed in the figure for clarity.