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Platforms for XFEL experiments with high-power optical lasers

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Before the utilization of sample changing system, sample replacement required several hours due to vacuum pumping and the related realignment of the experimental system. The newly developed in-vacuum sample changer features a capacity for: - 20 sample plates stored within the in-side-the-chamber stocker. - 5 sample plates on the rotating disk (should be empty initially).

L. Randolph et al., Phys. Rev