

easyCHOP

Features

In-vacuum optical chopper

- phased-locked modulation of continuous beams
- enables lock-in techniques with VUV/XUV beams, eliminating background noise

Versatile and compact

- modular and compact chopper unit
- installation anywhere in the beamline
- large selection of chopping wheels

Customization

- in-chamber versions of easyCHOP also available
- interface ports adapted to beamline requirements

Specifications

Chopping control	phase-locked loop motor speed control
Chopping frequency	up to 10kHz
Max. beam diameter	2.5mm
Interface ports	ISO-F100, others on request
Auxiliary ports	pumping and gauge ports
Operating pressure	$< 10^{-6}$ mbar
Control	front panel and PC (USB interface)
Trigger	internal, external (input TTL)
Software	Windows UI and Labview/Python/C++ SDK
Dimensions	22 x 12 x 21 cm ³

Contact us

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