



Freiberg
Instruments

Ingot XRD 300
OD/Notch

Automated, precise and fast

Revolutionize your ingot grinding preparation

Materials

Si, SiC, GaN, Ge, InP,
InAs, GaAs, Ga₂O₃, Diamond
and more



Product video



**Raw +
grinded**

ingot processing



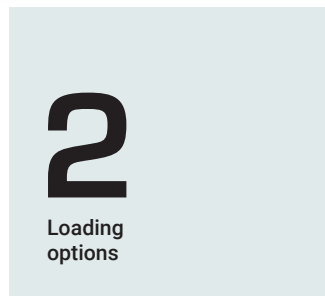
0.005°

On-axis precision



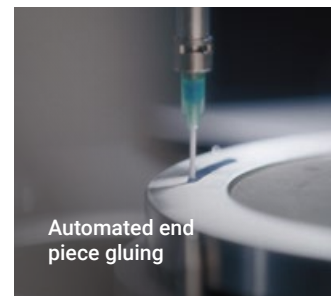
X-ray

Crystal orientation



2

Loading
options



Automated end
piece gluing



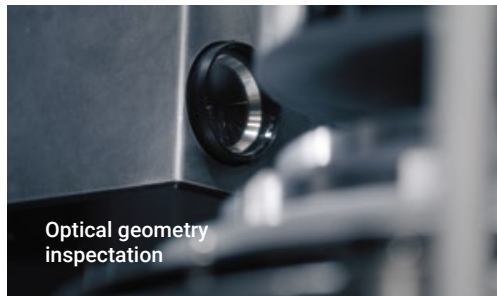
Up to
300 mm
diameter

Up to
520 mm
ingot length



**SECS/
GEM**

Interface



Optical geometry
inspection