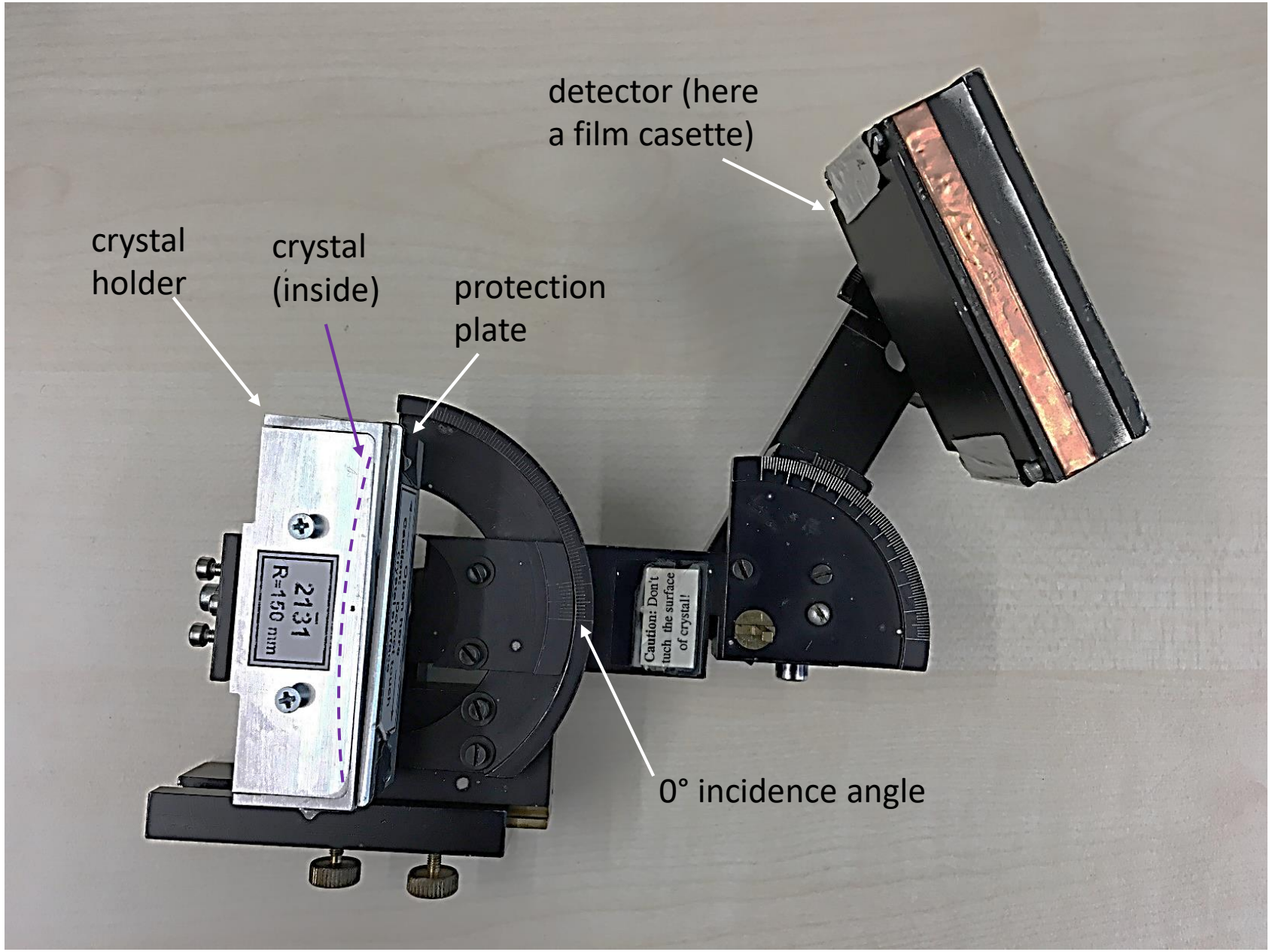
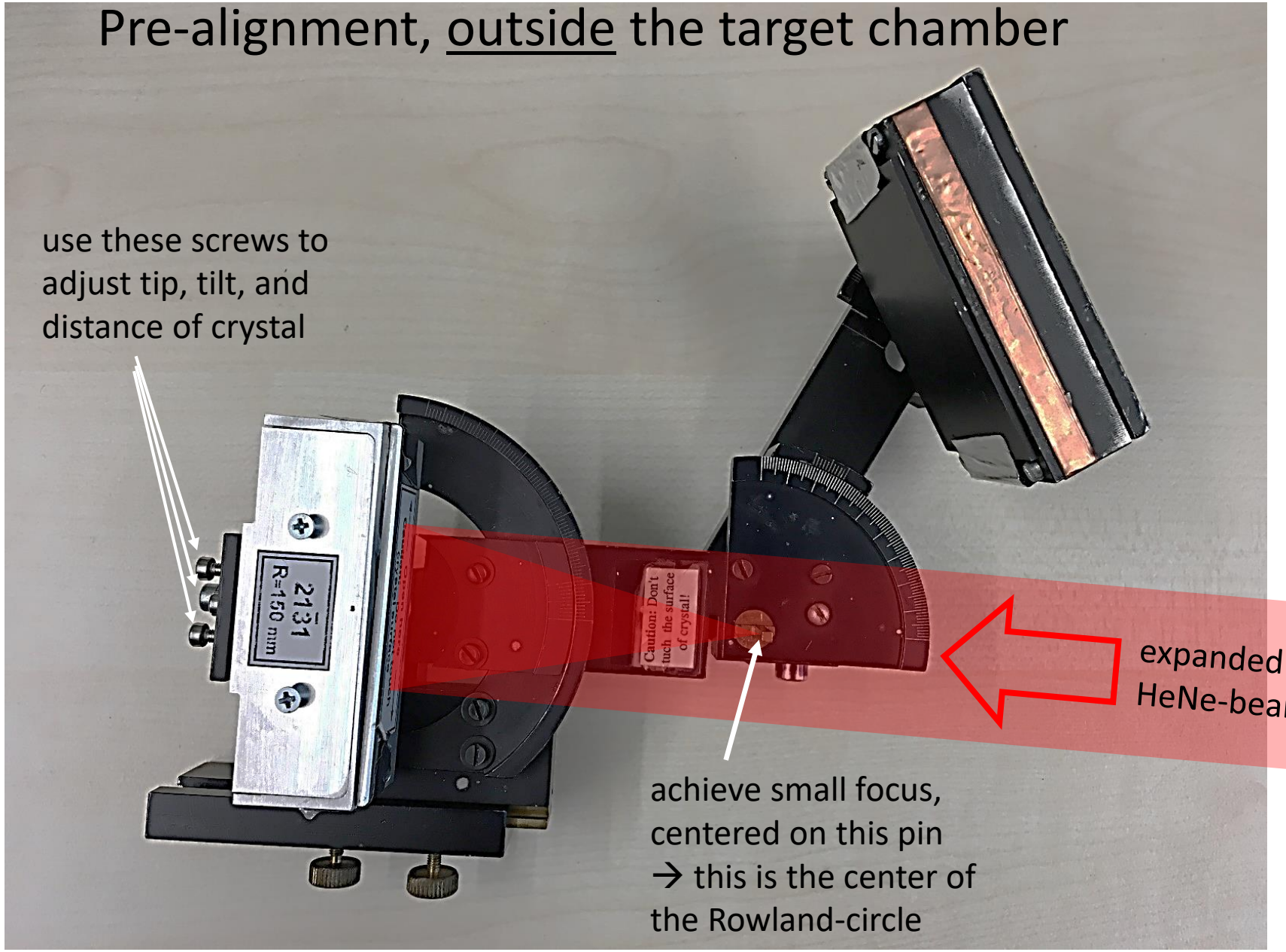
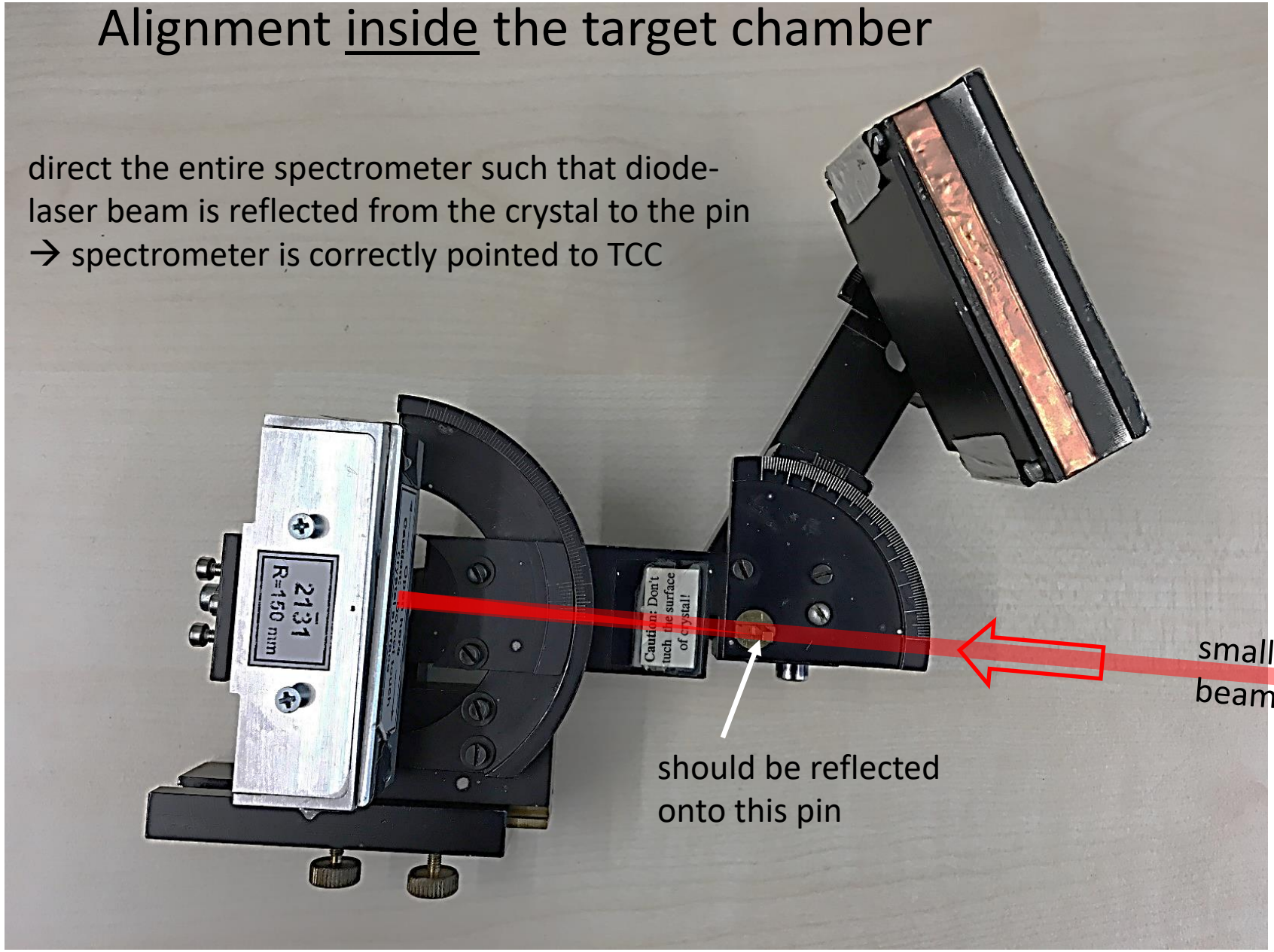

detector (here
a film casette)
crystal
holder
crystal
(inside)
protection
plate
2131
R=150 mm
Caution: Don't
tuch the surface
of crystal!
0° incidence angle

Pre-alignment, outside the target chamber

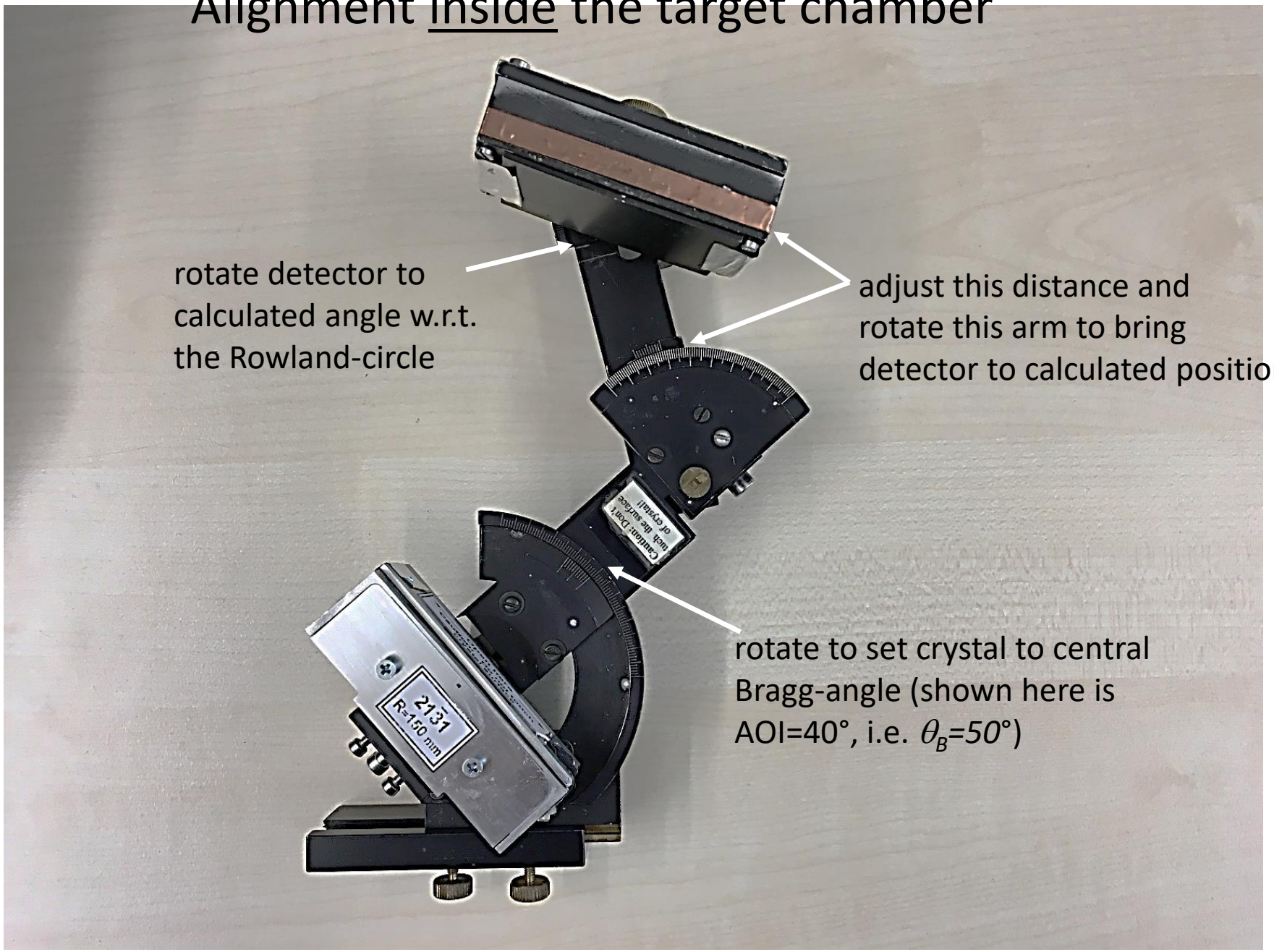


Alignment inside the target chamber

direct the entire spectrometer such that diode-laser beam is reflected from the crystal to the pin
→ spectrometer is correctly pointed to TCC



Alignment inside the target chamber



Alignment inside the target chamber

*) I think the people from Jena replaced the film casette with a small CCD-camera, to more accurately determine the best focusing