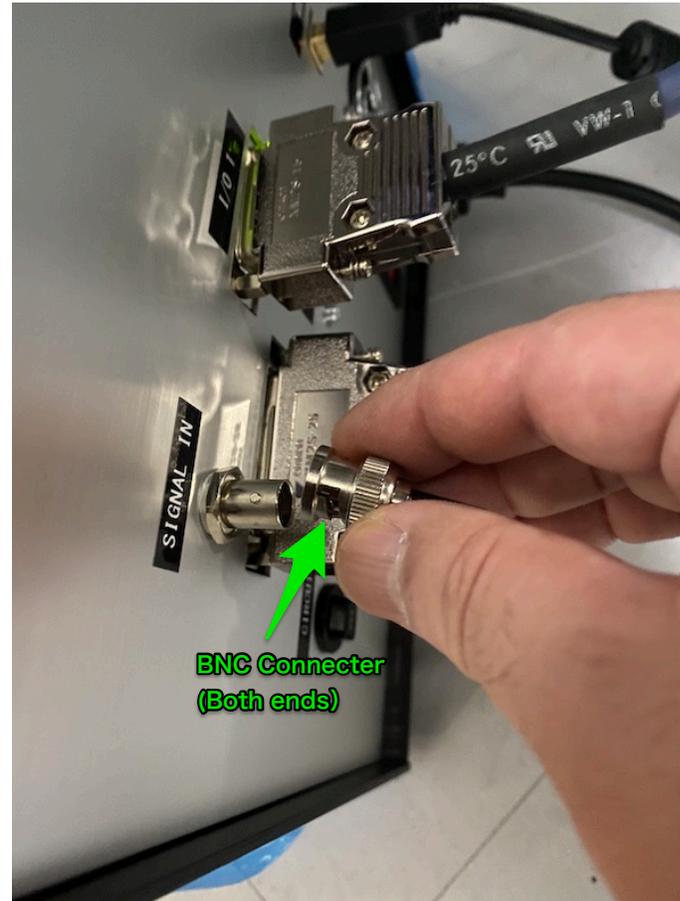


Confirmation work before replacing parts of IP Laue camera

No X-ray equipment is used in this work.
Only IP Laue camera and PC are used.

1. Turn off the Laue Camera and control box
 - Remove only the BNC connector of the coaxial cable.
(Please remove both ends)



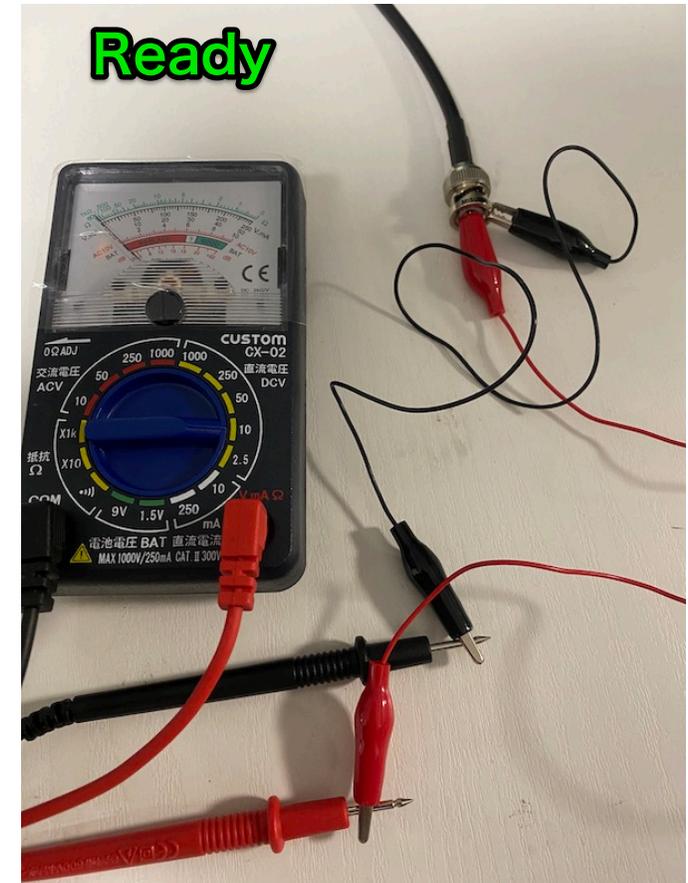
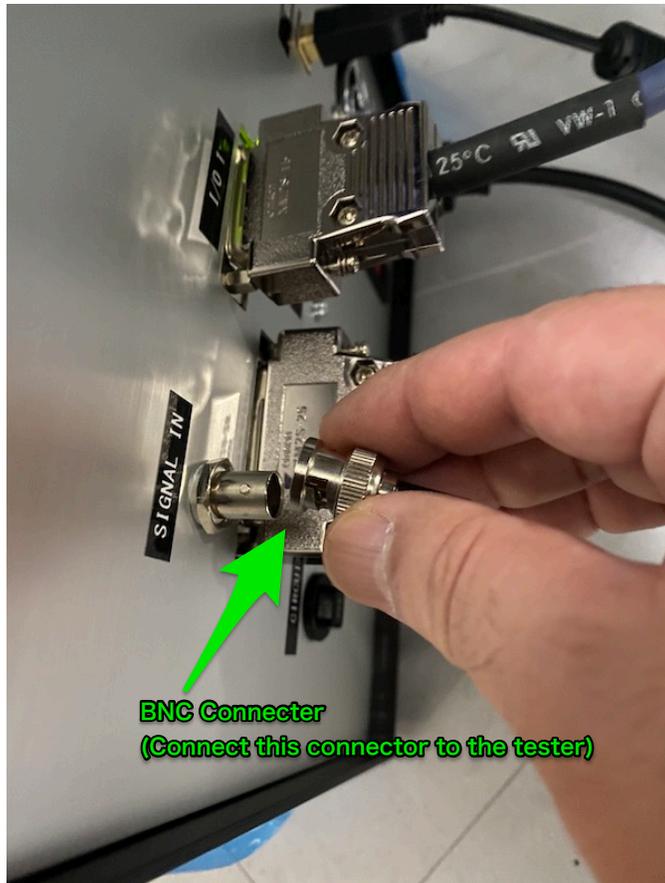
2. Connect the BNC connector firmly again. (Both ends)
3. Turn on the power and start the PC and IPX-Ray software. (Normal startup)
4. Open the cover so that the IP on the camera side is intentionally exposed to light.
Please intentionally turn on the light so that the IP hits the light as much as possible.
(No shading)
5. Capture Starting
6. If you can get a black image, it is normal.
7. If you get a white image, follow the steps below.

Please contact me with the resulting data. (Wechat OK)

8. First, prepare the tester and lead wires.

(A tester that measures a DC voltage of about 5V)

9. Remove only the BNC connector of the control box coaxial cable,
Please connect "+" to the center pin. Then connect the "-" to the housing



10. Open the cover so that the IP on the camera side is intentionally exposed to the light.
Please intentionally illuminate the light so that the IP is exposed to the light.
(No shading)
11. Please "Capture" "Start" in this state (normal start)
12. During capture, the camera is normal if a voltage of about 4V-5V is applied.
(If the light is completely shielded during Capturing, it will be 0V)
13. If it is 0V, it is possible that the Laue camera has a broken wire or a malfunction.
14. Please inform me of the voltage value at this time.

15, Next measure the resistance with a tester.



16, If the resistance is 0Ω or insulation in any range, the wire breakage on the Laue camera side may be considered.

Please contact the above.

The parts removal procedure becomes very complicated and carries additional risk of failure. I will write it carefully next time.

That's all.