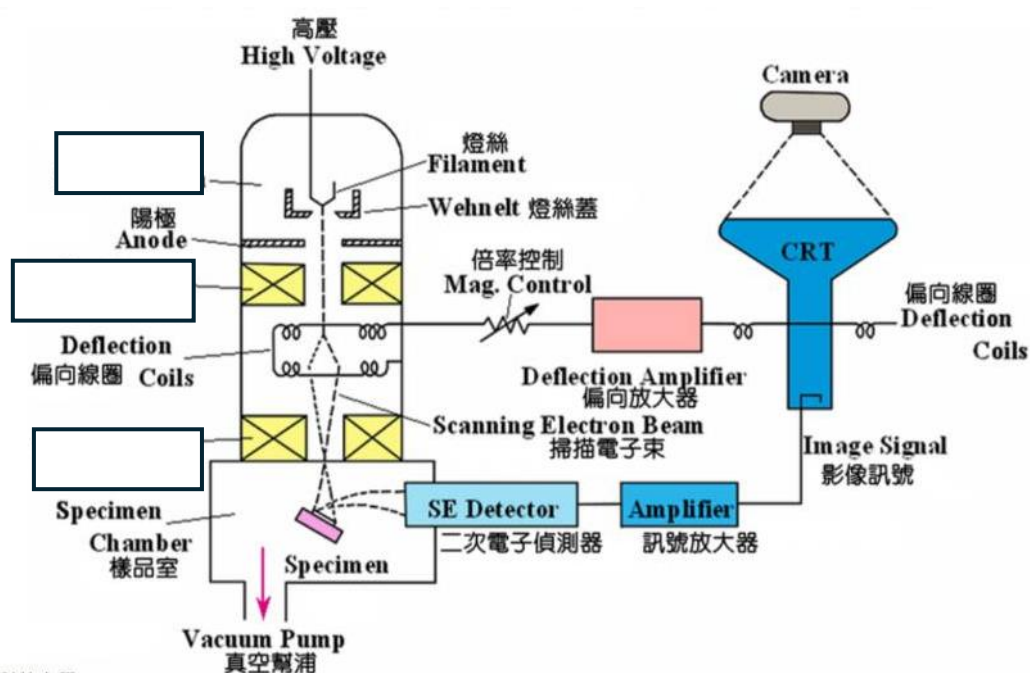


姓名：

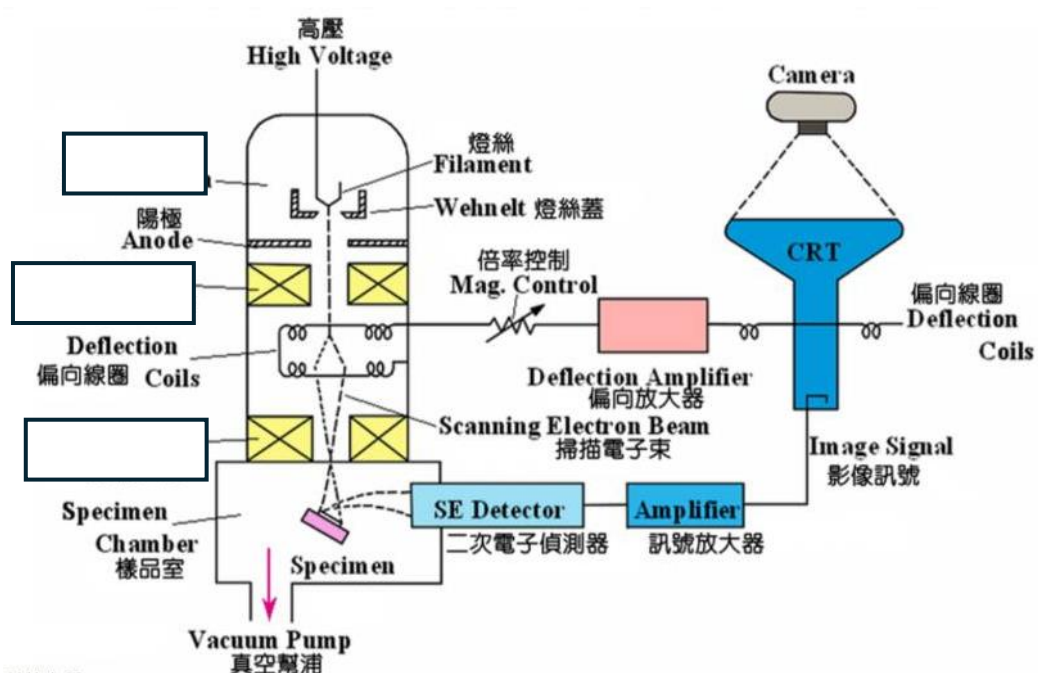
Lab:



1. _____
2. 貴儀實驗室(Novel Analytical Equipment Cluster)使用的燈絲是甚麼類型?
3. 電荷累積 (Charge Accumulation / Charging) 下，畫面會出現什麼?
4. 非導電樣品下，樣品因做前處理?
5. 畫面懷疑是發生電荷累積，應做出甚麼調整?
6. SED 成像原理是什麼?
7. BED 成像原理是什麼?
8. EDS 原理是什麼?
9. SED、BED、EDS 分別用途是什麼?
10. 焦距與像差分別在調整什麼?
11. EDS 軟體中，input rate 所顯示單位”cps”所代表意義為何?

Name:

Lab:



1.
2. What type of filament is used in the Novel Analytical Equipment Cluster?
3. Under charge accumulation (Charging), what will appear on the screen?
4. For non-conductive samples, what pre-treatment is required before measurement?
5. If static charge accumulation is suspected on the image, what adjustments should be made?
6. What is the imaging principle of SED?
7. What is the imaging principle of BED?
8. What is the principle of EDS?
9. What are the respective applications of SED, BED, and EDS?
10. What do focus and astigmatism adjustments control respectively?
11. In EDS software, what does the unit "cps" displayed for input rate mean?