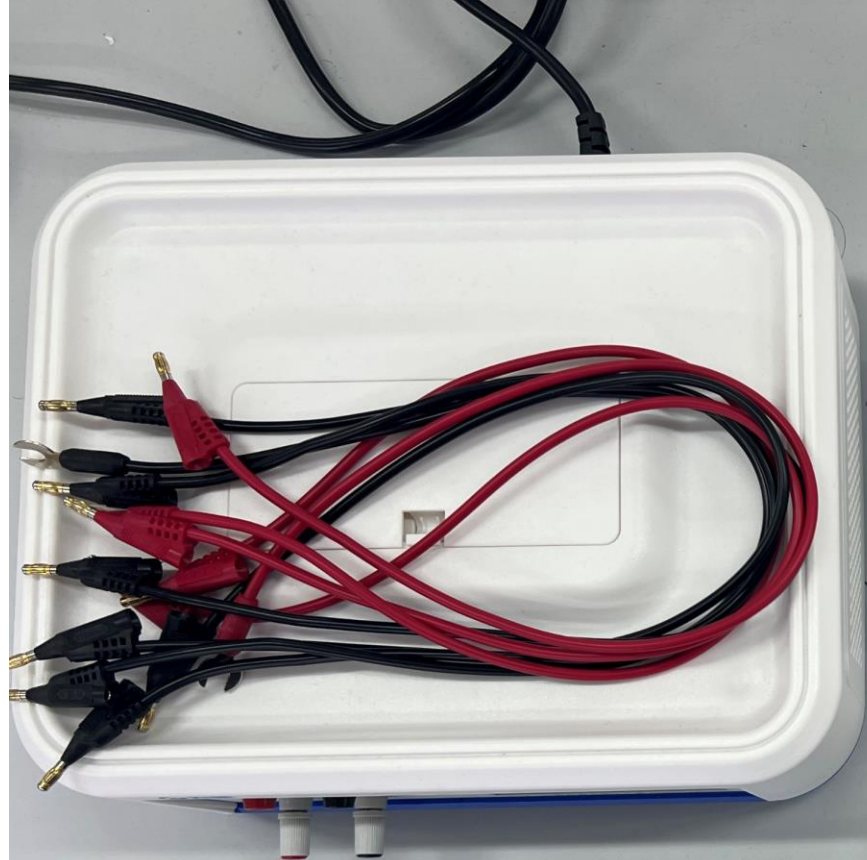
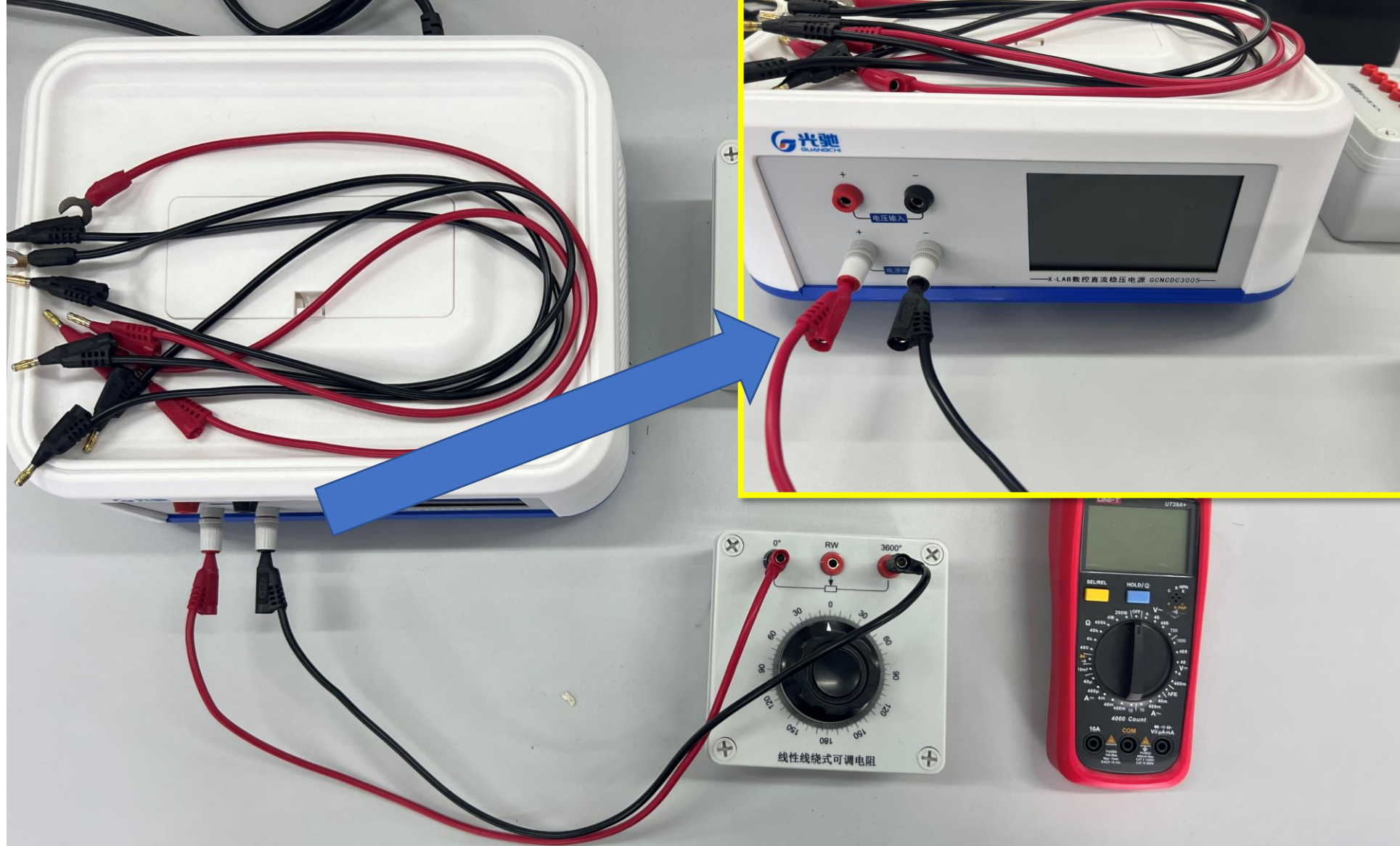


准备
实验

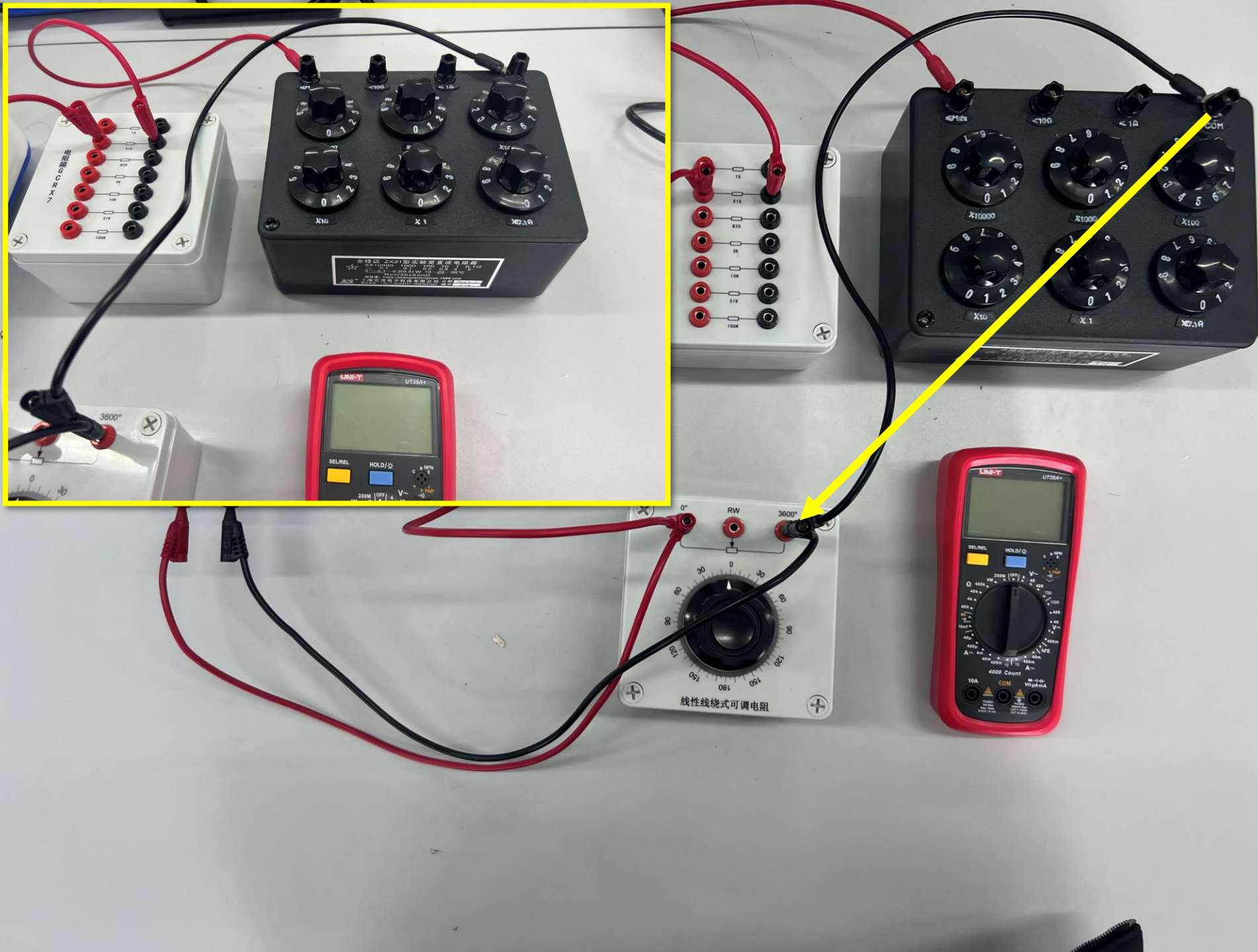
检查
实验
仪器



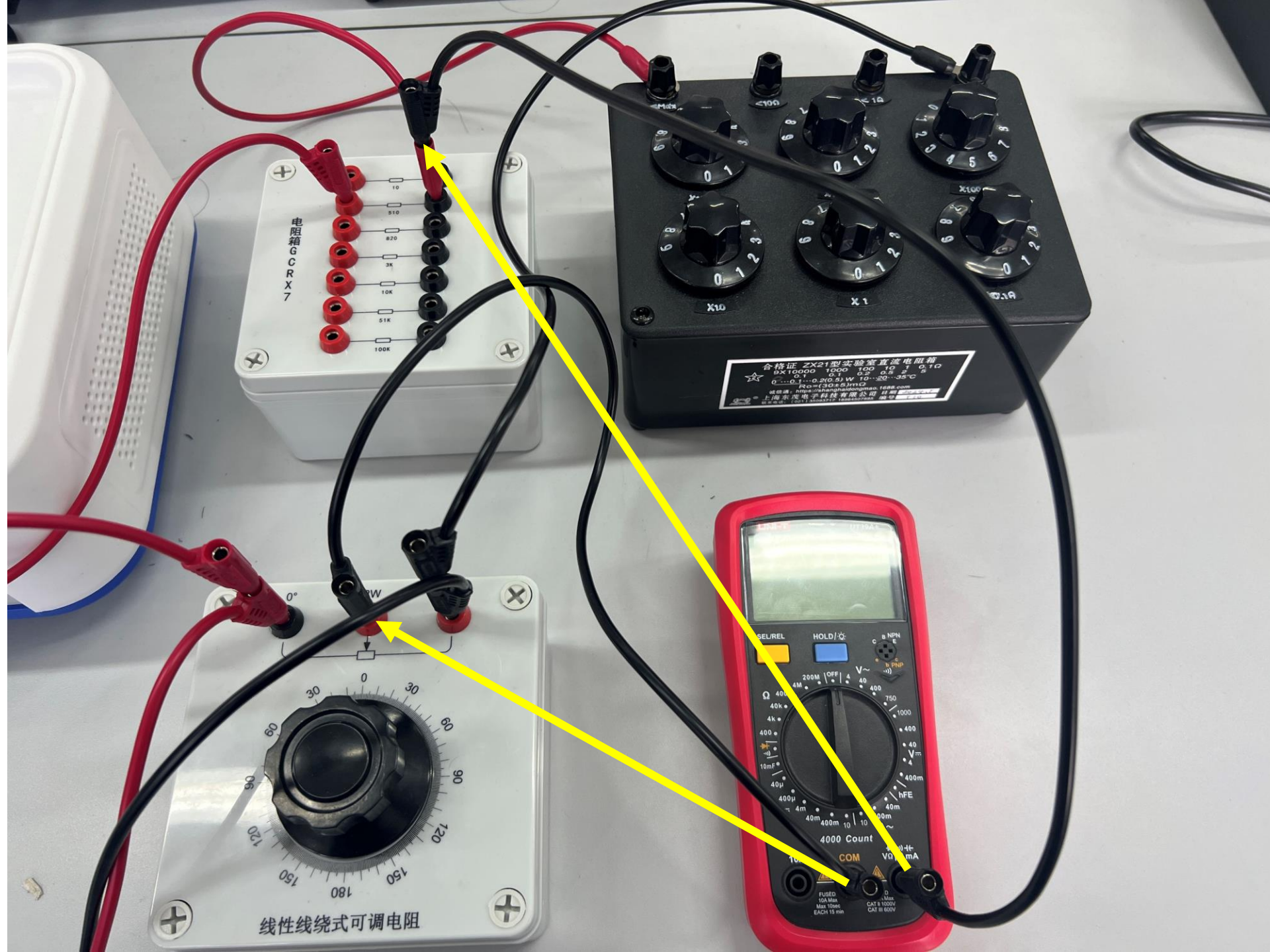
1、两根 线连接电 源



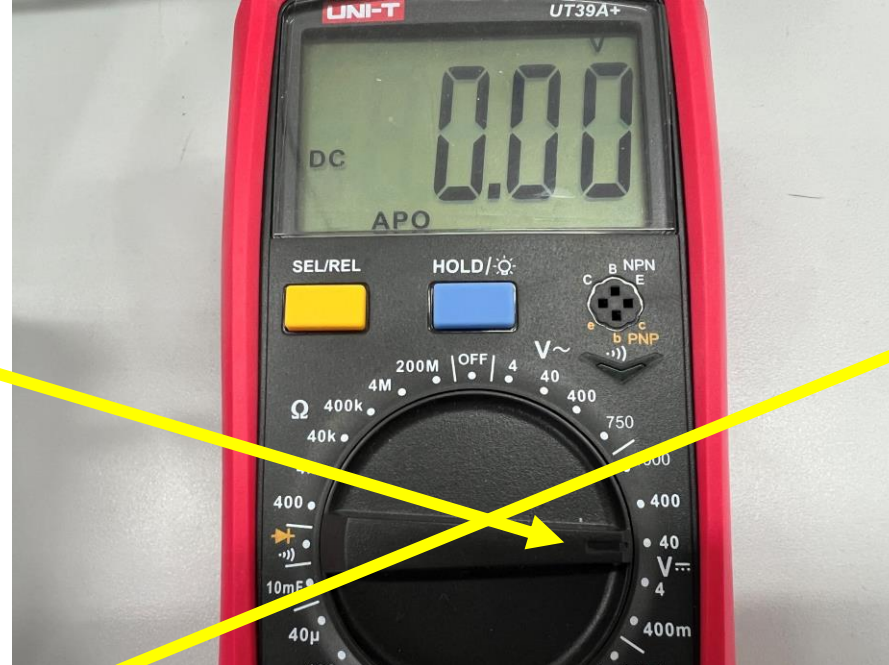
3、连接 R_s



4、连接万用表



5、调整万
用表档位为
40V直流



线性线绕式
可调电阻为
 1800°



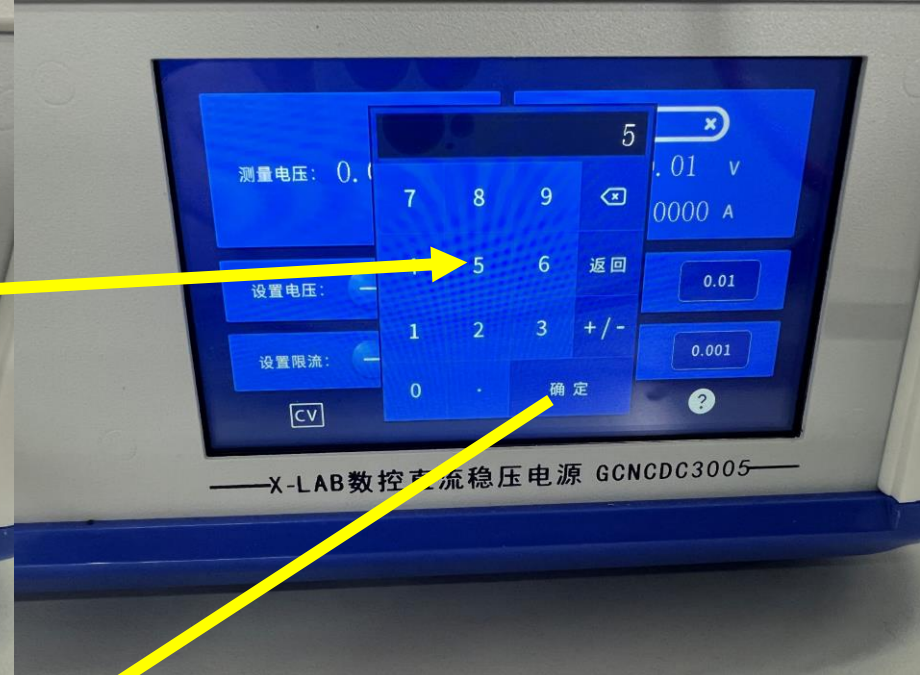
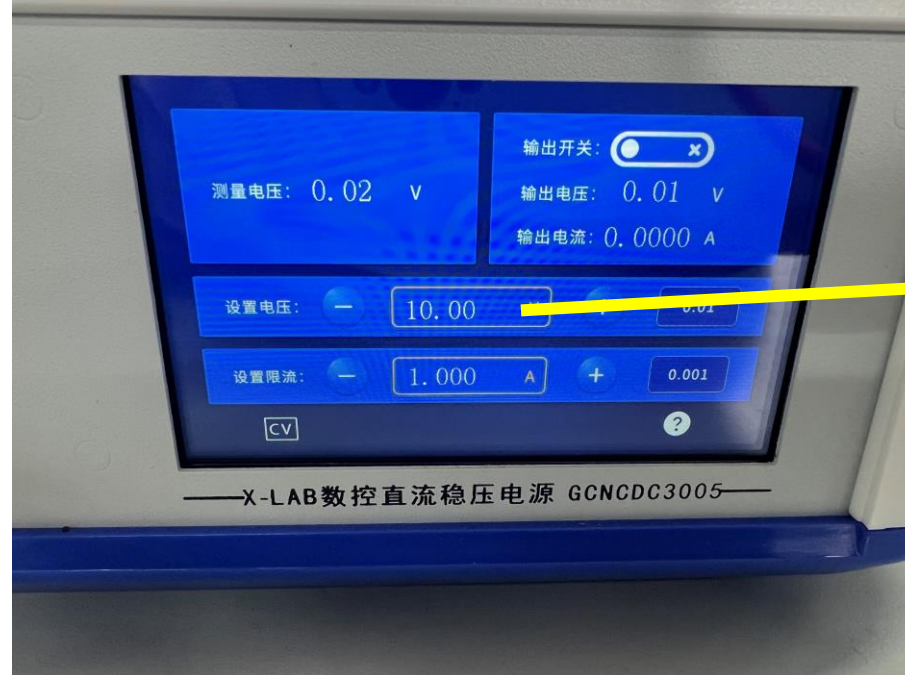
R_s 为 500Ω



6、打开电源背部总开关

触摸设置电压为5V

打开输出开关



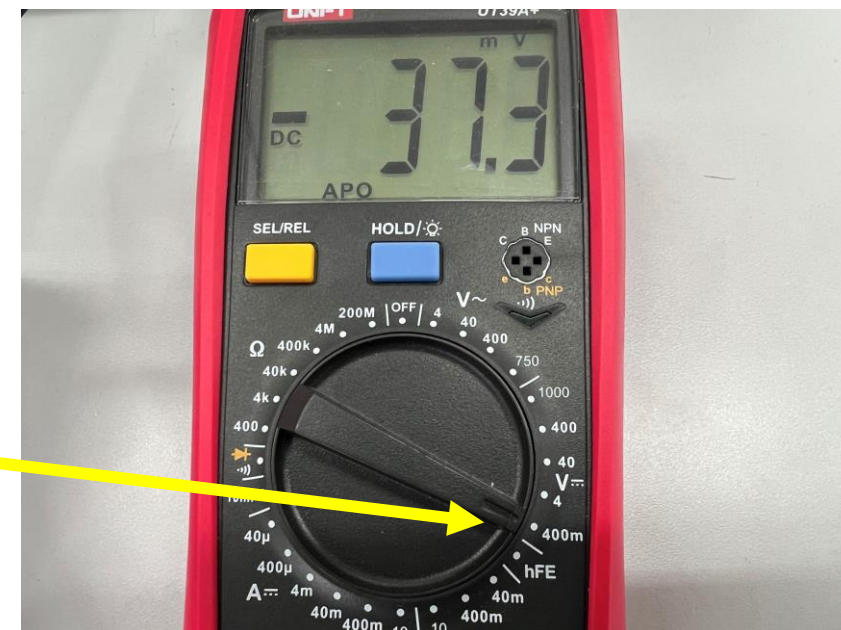
7、调整Rs 使得电桥平衡

电压表在
400mV档位，
示数最接近
0mV

记录Rs值

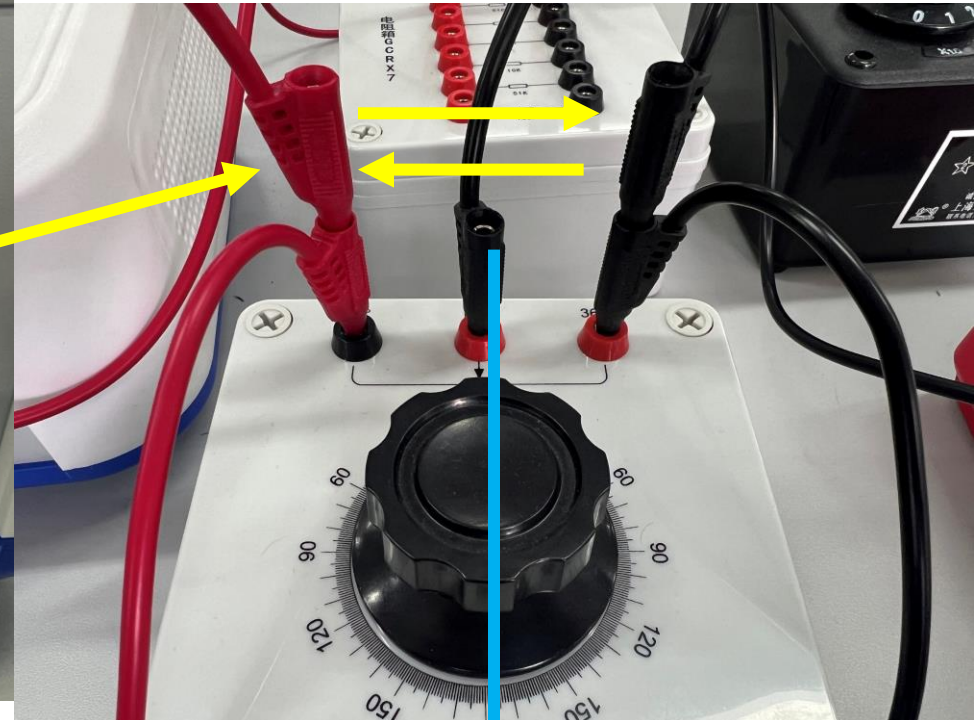
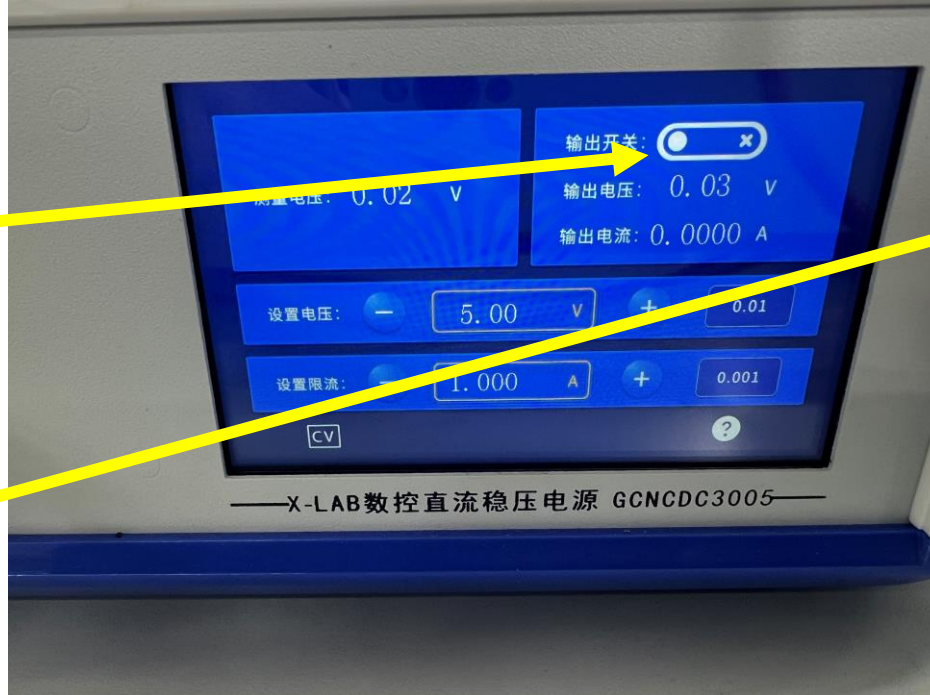


先调整Rs使得电压表实数接近0mV，
再切换更高精度的直流电压档位，
使得示数最接近0mV，使电桥平衡

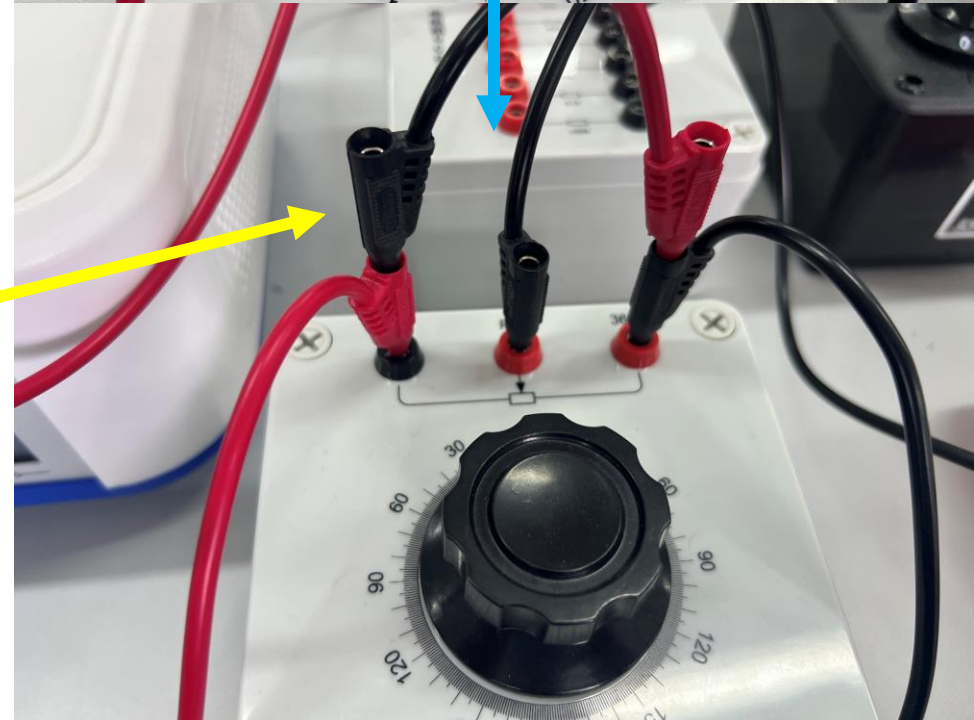


8、关闭电源

交换 R_x 和 R_s



电源线不动，交换电源上面两条线



9、打开电 源

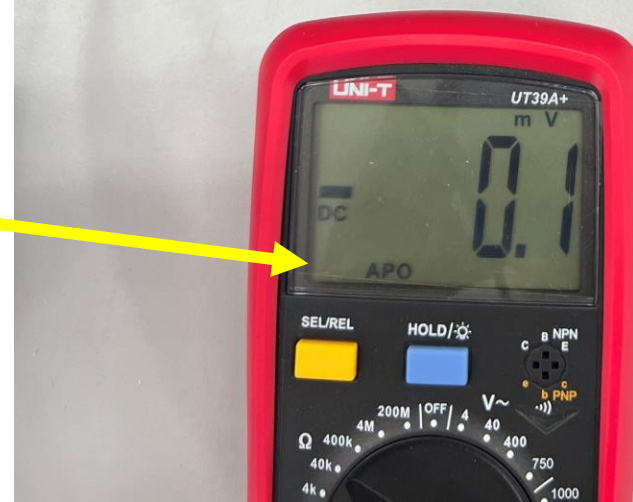


重新调整 R_s
使得电桥平衡

电压表示数
最接近0mV

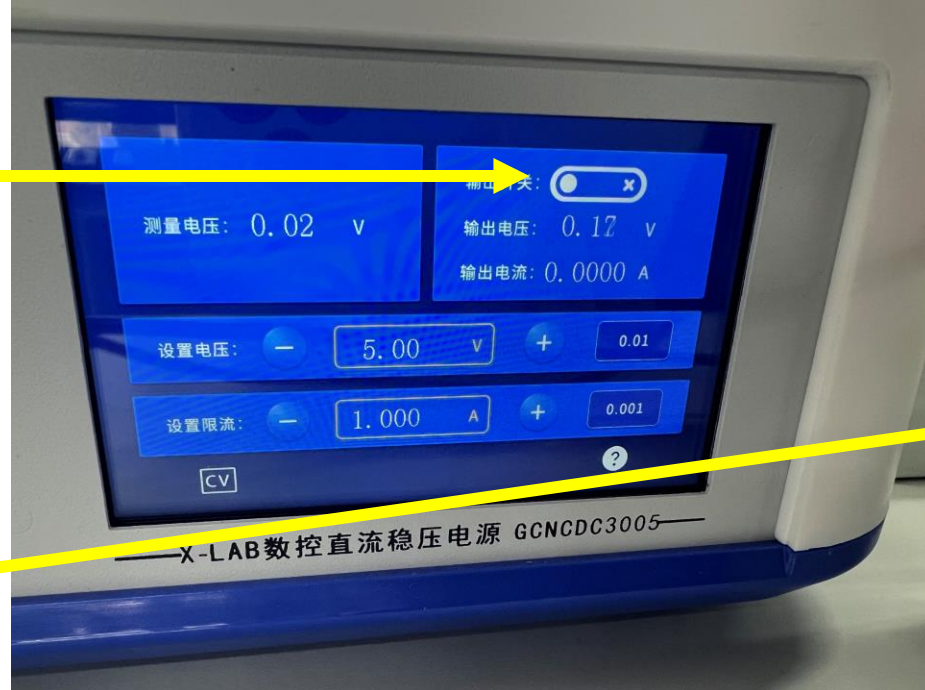


记录此时 R_s 值为 R_s'
并计算 R_x 值



10、关闭电
源及背部总
开关

关闭万用表



整理仪器

