

No effect

[PHY309] How does the intensity affect the photoelectric current?  
As intensity increases, the photoelectric effect increases

[PHY309] Which of the following gases are filled inside the Photoelectric cells?  
Neon

[PHY309] Which of the following gases are filled inside the Photoelectric cells?  
Carbon Dioxide

[PHY309] What relation between emissivity,  $e$ , and Absorptive Power,  $a$ , is given by Kirchhoff's law?  
 $e$  equals  $a$

[PHY309] During Einstein's Photoelectric Experiment, what changes are observed when the frequency of the incident radiation is increased?  
The value of stopping potential increases

[PHY309] During Einstein's Photoelectric Experiment, what changes are observed when the frequency of the incident radiation is increased?  
The value of saturation current increases

[PHY309] If 13.6 eV energy is required to ionise the hydrogen atom, then energy required to remove an electron from  $n = 2$  is  
3.4 eV

[PHY309] On which part of the photoelectric cell does the radiation strikes?  
Cathode

[PHY309] What is the relation between the interaction parameter,  $b$ , and atomic radius,  $R$ , for the Photoelectric effect?  
 $b$  greater than  $R$

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