

Geiger-Müller Counter

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Questions:

- 1. What is the basic principle of the Geiger Muller counter?**
- 2. What prevents the positive ions from recombining with the electrons inside the tube?**
- 3. Which of the following acts as ionising gas in Geiger Muller counter?**
 - a) Alcohol
 - b) Argon gas
 - c) Krypton
 - d) Hydrogen
- 4. What is dead time, and what causes it?**
- 5. Which of the detectors is similar to Geiger Muller counter in construction but is filled with heavier gas?**
 - a) Proportional counter
 - b) Flow counter
 - c) Semiconductor detector
 - d) Scintillation counter
- 6. What does the size of the pulse depend on?**
- 7. What phenomenon occurs when gamma rays interact with the walls of the tube?**