

Now we want to examine a few more details, and totally unique applications of inkjet printer technology. Consult this article (<http://courses.physics.illinois.edu/phys212/fa2021/JamesScholars/03/inkjet.pdf>) and others, if necessary to answer the questions below.

4. **Explain the difference between 'continuous-mode' and 'demand-mode' technologies.**

5. **What are the main advantages and disadvantages of each one?**

6. **What is the minimum droplet size?**

7. **What is the minimum resolution (i.e., the smallest linewidth)?**

8. **Why is the resolution bigger than the droplet size?**

9. **What is one reason we don't yet make printed circuit boards using ink jet printers? (Hint: What is the difficulty in directly writing conductive tracks?)**

10. **Describe in several sentences one of the other possible applications of ink-jet printing technologies.**