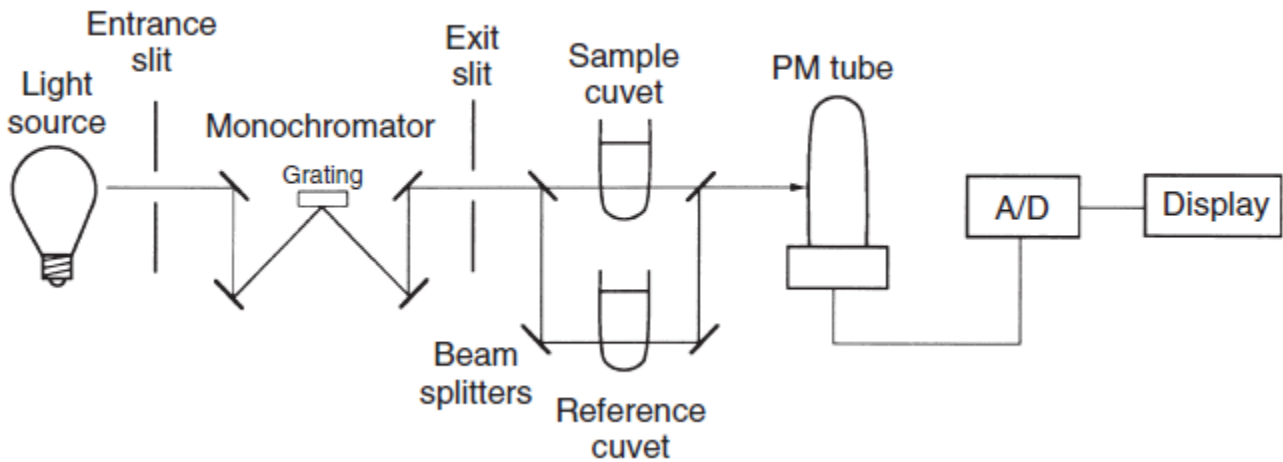


**Spectrophotometer and basic instruments**

1. Define the working principle of spectrophotometer.
  - a. What is Beers and lamberts law
2. What are the main parts of spectrophotometer?
  - a. Light source
  - b. Monochromators
  - c. Sample cell
  - d. Photodetector



**Flame Photometry**

The flame-emission photometer, which measures light emitted by excited atoms, was widely used to determine concentration of  $\text{Na}^+$ ,  $\text{K}^+$ , or  $\text{Li}^+$ . With the development of ion selective electrodes for these analytes, flame photometers are no longer routinely used in clinical chemistry laboratories. Discussion of this technique, therefore, is no longer included in this edition; the reader should refer to previous editions of this book.

3. What is centrifuge explain its types and principle?

	<b>Centrifuge</b>	<b>Incubator</b>	<b>Balance</b>
<b>Principle</b>			
<b>Types</b>			
<b>Cares</b>			