

## ***Some of Important instruments of Microbiological Lab.***

1- **Electric oven**: used for sterilizing the glassware and tools that need dry heating with (150Co ) for ( 2 hr ) approximately .

2- **Autoclave** : to sterile the culture media and some of chemical solutions which need wet heating with (121 Co ) and pressure (15 bar / Inch<sup>2</sup>) for suitable time .

3- **Incubator** : For provide the suitable temperature to grow the bacteria , most bacterial species grow under ( 37 Co ) for ( 18-48 hr ) .

4- **Compound Microscope**: is a vital instrument in microbiological Lab. to identification the bacteria by it is magnification ability .

5- **Refrigerator**: Used for storage the culture media , bacteria growth culture and other material that need low temperature .

6 - **Hood** : for availing an uncontamination environment during the laboratory work .

7 - **Gas Burner**: used to sterile the mineral tools such as loop, needle and nozzle bottles or flasks .

8 - **Sensitive Balance** : for weighting the powders .

9. - **Loop & Needle** : platinum wires used for transporting culturing and inculcating the bacterial growth .

10 - **Petridish** : these dishes (plates ) used as container of culture media .

11 - Flask , Cylinders , Pipettes , Tubes , Slides and other glassware .

1- Practical Microbiology for dental students by Bharti Arora . D.R.Arora .

2-Practical Microbiology by Assist. prof. Amel Majid Ali Al-shawi.