



**GAWANDE COLLEGE OF
PHARMACY.**

Sakharkherda, Lavala Road, Tq.
Sindkhed Raja
Dist. Buldhana



Department: **Pharmaceutics**

Name of the instrument: **DISINTEGRATION TEST APPARATUS**

S.O.P. No.: GCP/PH/005

Stock Register No.: PH-0035/01

Effective date: 17/02/2015

Review date: 21/02/2015

Procedure:

1. Ensure that the instrument is clean and free from dust.
2. Ensure that all the switches and knobs are off and in normal position.
3. Switch on the mains and then put 'ON/OFF' switch of the rear panel to 'ON' position. The red light indicator is on.
4. Suspend the basket rack assembly in 1000ml of beaker containing the specified liquid medium.
5. Switch on the heater-thermostat and adjust the temperature of liquid bath at $37 \pm 2^\circ\text{C}$. The green light indicator will be 'ON' and 'OFF' and temperature is maintained.
6. Now add the number of samples (Tablets or Capsules) as specified in monograph, in the cylindrical holes provided in basket-rack assembly.
7. Add discs where applicable and specified in monograph.
8. Start the oscillation by putting its switch at 'ON' position (The assembly is

attached to a mechanical device capable of raising and lowering it smoothly at a constant frequency of between 28 and 32 cycles per minute through a distance of distance of 50-60 mm.)

9. The oscillations can be set as required with the help of thermostatic control knob.

10. Switch 'OFF' the apparatus when not required.



DISINTEGRATION TEST APPARATUS

<p>Prepared by Miss S.D. Solad Lab-In Charge S. Selat</p>	<p>Checked by: Prof. A.G.Jadhav H.O.D</p>	<p>Approved by (Dr..J.B.Sanap) Principal</p>
---	--	--