



**GAWANDE COLLEGE OF
PHARMACY.**

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Dist. Buldhana



Department: Pharmaceutics

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

S.O.P. No.: GCP/PH/006

Stock Register No.: PH-0036/01

Effective date: 17/02/2015



Review date: 21/02/2015

Procedure:

1. Ensure that the instrument is clean and free from dust.
2. Switch 'ON' the power switch and heater switch provided on the rear right hand side. When the power is switch on the following things are displayed.
 - a. The STEP/PROGRAM display shows 'SD' and remaining displays are blanked off indicating that the system is going through 'self diagnosis'.
 - b. The system gives a long beep.
 - c. The steps displays then default to 1. The corresponding sampling time interval and RPM for test 1 are displays on the timer and RPM display. The bath LED is illuminated and the temperature display shows the bath temperature.
 - d. Lift the stirrer unit using the 'UP' key on the front panel.
 - e. Put the jar filled with medium in the tank.
 - f. Fix the paddle (i.e. screw the paddle on the spindle carefully and tightened it using the keys provided) for the desire method.
 - g. Bring the stirrer unit down using 'DOWN' key.
 - h. Start the stirrer by using START/STOP key.
 - i. Start the temperature by using the START/STOP/TEMP key.
 - j. Once the set temperature is reached, leave the tablet in the test jar or basket as desired.
 - k. Start the test using the START/STOP/TEMP key.
 - l. Carry out the analytical procedure as per the specification and calculate the result. Switch off the instrument when not in used.



DISSOLUTION TEST APPARATUS

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