

CRE-001 BATCH REACTOR



DESCRIPTION : Batch reactor is simple, needs little supporting equipment and therefore ideal for small scale experimental studies on reaction kinetics. Industrially it is used when relatively small amounts of material are to be treated.

RANGE OF EXPERIMENTS :

1. Study of Batch Reactor
2. To calculate the reaction rate constant k for given reaction in batch reactor

EXPERIMENTAL SETUP :

| | | |
|------------------|---|---|
| Reactor | : | Material Stainless steel (SS) , |
| Stirrer | : | 1 No.SS impeller and shaft coupled to FHP Motor |
| Piping | : | SS, PVC |
| Setup Mounting : | | On sturdy MS stand with powder coated |

SERVICE REQUIRED: Water Supply : @ 2 lpm

Power Supply: 230 V, 50 Hz, A.C.

SPACE REQUIRED : 1 m. (L) x 1.0 m (W) X 1 m (H).

WEIGHT : @ 40 Kg