

# Chemical Reaction Engineering Lab.



Engineering **Growth** Connection



Kinetics is the nature's way of preventing everything from happening all at once. Observe the kinetic rate data, verify the performance equations, have a feel of thermal effects, and observe RTD in reactors by using our CRE Lab Equipment.

- # KCCRE-001 CONTINUOUS STIRRED TANK REACTOR (C.S.T.R.)
- # KCCRE-002 ISOTHERMAL CONTINUOUS STIRRED TANK REACTOR (ISOTHERMAL C.S.T.R.)
- # KCCRE-003 CASCADE CONTINUOUS STIRRED TANK REACTOR (CASCADE C.S.T.R.)
- # KCCRE-004 PLUG FLOW TUBULAR REACTOR (Straight Tube Type)
- # KCCRE-005 PLUG FLOW TUBULAR REACTOR (Coiled Tube Type)
- # KCCRE-006 ISOTHERMAL PLUG FLOW TUBULAR REACTOR (Coiled Tube Type)
- # KCCRE-007 ISOTHERMAL BATCH REACTOR
- # KCCRE-008 ISOTHERMAL SEMI-BATCH REACTOR
- # KCCRE-009 ADIABATIC BATCH REACTOR
- # KCCRE-010 PACKED BED REACTOR
- # KCCRE-011 COMBINED FLOW REACTOR



- KCCRE-012 LIQUID PHASE CHEMICAL REACTOR
- \* KCCRE-013 KINETICS OF DISSOLUTION OF BENZOIC ACID
- # KCCRE-014 RTD STUDIES IN CONTINUOUS STIRRED TANK REACTOR
- # KCCRE-015 RTD STUDIES IN PLUG FLOW TUBULAR REACTOR (Coiled Tube Type)
- # KCCRE-016 RTD STUDIES IN PACKED BED REACTOR
- KCCRE-017 HYDRODYNAMICS OF TRICKLE BED REACTOR
- KCCRE-018 EMULSION POLYMERIZATION SETUP
- KCCRE-019 CONDENSATION POLYMERIZATION SETUP
- # KCCRE-020 ANNULAR UV PHOTO REACTOR
- # KCCRE-021 RECYCLE BED REACTOR
- \* KCCRE-022 SPINNING BASKET REACTOR

### CHEMICAL REACTOR SERVICE UNIT

- # KCCRE-023a CHEMICAL REACTOR SERVICE UNIT
- # KCCRE-023b CONTINUOUS STIRRED TANK REACTOR (Chemical Reactor Service Unit Accessory)
- # KCCRE-023c PLUG FLOW TUBULAR REACTOR (Coiled Tube Type) (Chemical Reactor Service Unit Accessory)
- # KCCRE-023d BATCH REACTOR (Chemical Reactor Service Unit Accessory)

\* Also available with Data Logging Facility.

# Also available with Data Logging Facility or Computer Controlled System.



## K.C. ENGINEERS (P) LTD.

AN ISO 9001:2008 COMPANY

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