

AUTOMATIC SYSTEM

SERIES 505

Luminouz series 505 an all- in - one at automated reactor control system offering efficient operation and data recording. Perfect for processes demanding stability and precise control.

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7 INCH TOUCH SCREEN

AUTOMATE CONTROL 7" AS MAXIMUM 15 METERS CABLE WITH PROTECTION FILM COAT. MATERIAL TOLERANCE WITH ORGANIC SOLVENT.

100% DATA COLLECT

VARIOUS PORT TO COMMUNICATE WITH THIRD PARTY ACCESSORIES FROM ALL LABORATORY REACTORS SUCH AS PT100 AND SENSORS.

SUPPORTED THERMOSTATS

- HUBER, JULABO, LAUDA: -100 C AND 300°C WITH RS232 PORT.
- CONTROL AND DISPLAY JACKET TEMP(TJ)
- CONTROL AND DISPLAY PROCESS TEMP(TR)
- CONTROL AND DISPLAY TR -TJ
- SET SAFETY TEMPERATURE LIMITS
- SET SAFE TEMPERATURE (TSAFE OR MAX MIN VALUE)

SUPPORTED STIRRER MOTORS

- IKA, HEIDOLPH, CAT (0-500 RPM) WITH RS232 PORT
- CONTROL STIRRER SPEED (R)
- START/STOP THE STIRRER
- SET MAXIMUM SPEED

SUPPORTED SENSOR

- TEMPERATURE SENSOR PT100,
- CONTROL AND DISPLAY JACKET TEMP (TJ)
- CONTROL AND DISPLAY PROCESS TEMP (TR)
- CONTROL AND DISPLAY TR -TJ
- SET SAFETY TEMPERATURE LIMITS
- SET SAFE TEMPERATURE (TSAFE OR MAX MIN VALUE)



PROGRAM

- SET PROGRAMMING A RECIPE SEQUENCE
- DEFINE 5 RECIPE STEPS
- SELECT THE TYPE OF CONTROL E.G. TR, TJ
- WAIT STEP, HOLD
- ANNOTATION
- GRAPHICAL VIEW OF TRENDS DISPLAYS
- EXPORT DATA TO A USB
- CONFIGURATION OF CONNECTED EQUIPMENT
- TIMER AND CLOCK