

Product Name :
DIC Control System Lab**Product Code :**
CHINAELABC4290001**Description :**

DIC Control System Lab

Technical Specification :

FEA Validation
Temperature Control
Feedback concept
On board DC supply
Open loop Control system
DC motor control
Speed control
Close loop Control system
Servo motor control
Light intensity control
V/F & F/V conversion
LED bar display
Bread board for circuit design
User can design & develop own circuits
PC interface for open loop & Close loop control
PC based Frequency counter
PC based DC voltmeter
Real time graphical representation
User friendly software
Exhaustive course material & references

DC Motor : 12 VDC
Servo Motor : 5 VDC
Temperature Sensor : 10 mV / ° C
Light Sensor : Photo Conductive Cell (LDR)
Light Source : Two numbers of filament lamps
V/F : For 0 - 5 V output is 0 -50 KHz (approx.)
F/V : For 0 - 50 KHz output is 0 - 5V (approx)
PC based Analog Inputs : 4 Inputs with 0 to 5 V / 0 to 10 V
PC based Analog Output : 1 Output with 0 to 5 V / 0 to 10 V
PC based Digital Inputs : 3 Inputs
PC based Digital Outputs: 3 Outputs
PC based DC Voltmeter : 0 to 10 V range
PC based Frequency counter : 0 to 6 MHz (square wave)
DPM : Rang 0-20 Vdc
De-Bounced Switch : Monostable (5 V output)
Buzzer : 5 Voperated
Switches : IR Switch, DIP selector switch
Clock : 0-50 KHz (approx)
Power Supply : 230 V \pm 10%, 50 Hz
Power Consumption : 4 VA(Approx)
Test Points : 28



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