

**Product Name :**  
Digital Control System

**Product Code :**  
CSL0022



**Description :**

Digital Control System

**Technical Specification :**

Digital Control System Digital Control System Digital Controller implementation on uP-kit Simple Op-amp based analog plant CRO display of response Design and test new algorithms Experiments : Identification of the controlled process Study of sampling period variation Designing P,PI,PD and PID controllers Advanced algorithms implementation Features and specifications : Second order simulated process (analog process) Built-in D/A and A/D circuits (8-bit) 8085 based uP kit as digital controller with user software in 8K EPROM 16-bit arithmetic for algorithmic calculations 16 built-in levels of P, I and D gains each. Complete flexibility for the user to develop own software Square wave test input (internal) IC regulated internal built in power supplies 220V +/- 10%, 50Hz mains operation Detailed literature and patch chords included Essential accessory - a CRO