



## CP-DL-1

### Phase Controlled Rectified DC Motor Drive

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#### Salient Features:

Study of Phase Controlled Rectified DC Motor Drive using Thyristors (Full Converter)

#### Drive System:

- Integrated Complete DC Motor Drive
- Capacity 1KW
- Input 230VAC 1 $\phi$
- Digital Motor Controller
- Open / Closed Loop Control
- Local / Remote Control (PC)
- Digital PID Controller with settings for P, I, D
- Display of SP, PV, Error & Output
- Digital Voltmeter, Ammeter & Tachometer
- Block-wise Test Points
- Detailed Instruction Manual



#### Motor & Loading Unit:

- 0.5 HP DC Motor
- Integrated Optical Encoder based Speed sensor
- Spring Load System with spring balance

#### PC Interface (Optional):

- PowerLink – PC Interface
- USB Interface
- Compatible with WinXP, Win7
- Voltage, Current, Speed, Setpoint
- Sample Programs for VB6.0 & LabVIEW



Release: June, 2012.

Note: Specifications are subject to change without notice. Please contact us or visit our website for updated features.

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## CP-DL-2

### Chopper Controlled DC Motor Drive

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#### Salient Features:

Study of Chopper Controlled DC Motor Drive using MOSFET

#### Drive System:

- Integrated Complete DC Motor Drive
- Capacity 1KW
- Input 230VAC 1Ø
- Digital Motor Controller
- Open / Closed Loop Control
- Local / Remote Control (PC)
- Digital PID Controller with settings for P, I, D
- Display of SP, PV, Error & Output
- Digital Voltmeter, Ammeter & Tachometer
- Block-wise Test Points
- Detailed Instruction Manual



#### Motor & Loading Unit:

- 0.5 HP DC Motor
- Integrated Optical Encoder based Speed sensor
- Spring Load System with spring balance

#### PC Interface (Optional):

- PowerLink – PC Interface
- USB Interface
- Compatible with WinXP, Win7
- Voltage, Current, Speed, Setpoint
- Sample Programs for VB6.0 & LabVIEW



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