



Industrial Motor Center (IMC) Trainer



Industrial Components

This system uses industrial quality components from industry relevant manufacturers that allows individuals to interact with equipment used in industry. These industrial components can be used to provide real world experience in the installation and control of industrial motors.

Hands-On

The CA-IMC Industrial Motor Center trains individuals for the specialized skills required for industry. The training system emphasizes a hands-on experience that will teach how to install, operate, and troubleshoot industrial motor components for various applications.

IMC Options

Supply Voltages

110VAC Single Phase
230VAC Single Phase
230VAC Three Phase

Drive Options

ABB ACS Series
Allen Bradley Powerflex Series
Automation Direct DURApulse
Danfoss VLT Series
Lenze i550 Series
Mitsubishi FR Series
Schneider Electric Altivar Series
WEG CFW300 Series
Plus More

Component Options

Automation Direct
Balluff
Banner
Keyence
Omron
Phoenix Contact
Rockwell Automation
SICK
Turck
Wago
Weidmueller
Plus More

Wiring Options

Unwired
Devices Pre-Wired
Full Component Wiring

Additional Options

Fluke Multimeter Kit
Wiring Toolkit
Label Printer Kit

CA-IMC Trainer

Standard Materials

24VDC Power Supply

AC Motor

Emergency Safety Devices

Motor Contactors

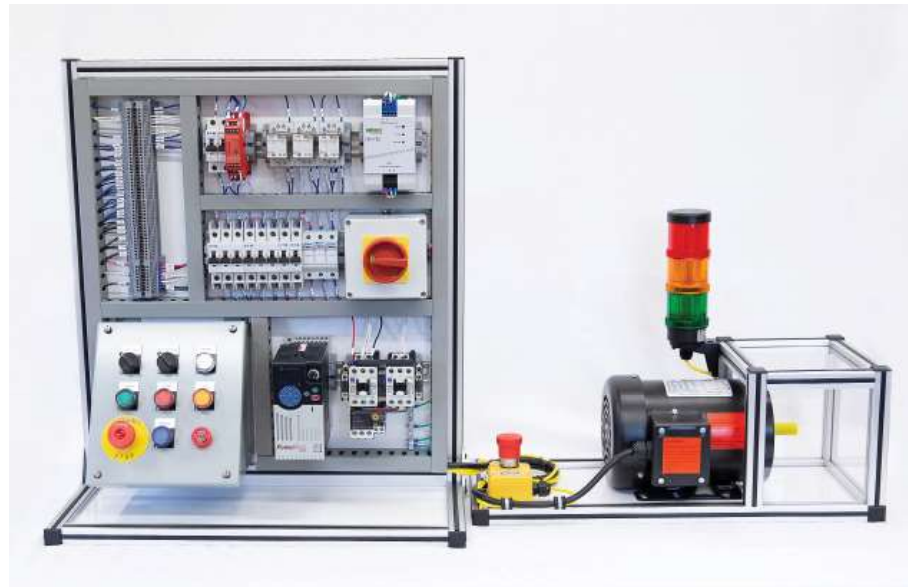
Pushbuttons, Selector Switches,
and Indicators

Relays

Safety Disconnect Switch

Sensors

Variable Frequency Drive (VFD)



Specifications

Frame Assembly

Aluminum Frame Assembly

7-Gauge Aluminum Panel

Dimensions

27"H x 24"W x 18"D - Control Center

9"H x 24"W x 10"D - Motor Center

Panel Working Dimensions

24"H x 22"W

Reach Us

A PO Box 3111, Elida, OH 45807

P 419-270-7684

E contact@cardinalautomation.co

W www.cardinalautomation.co



Curriculum

The CA-IMC offers curriculum that covers a wide range of topics.

Topics include:

- AC Motor Control
- Control Circuits
- Safety Circuits
- Sensor Control
- Variable Frequency Drives (VFD)
- Voltage Control

Benefits

Job Ready Training with Industrial Equipment and Techniques.

Step-by-Step Learning with Easy to Follow Labs.

Customizable equipment to meet educational needs.

Support provided by University and Industry Professionals.

