



DAIHEN, Inc.
ADVANCED WELDING & ROBOTIC SYSTEMS
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D-SERIES TRAINING COURSE DESCRIPTION

The *D-Series Training Course* is based on several levels that will teach an operator and or maintenance personnel how to operate in manual and robotic modes, set-up functions, troubleshooting and properly apply to their application needs to get the most out of the D-series Digital Welders.

Upon successful completion of this course, students will be able to perform the following tasks:

Operator:

- Features and Functions of D-Series (DM350, DP400 and/or DP500)
- Features and Functions of D-Series (Wire Feeder and Torch)
- Programming D-Series to include options.
- Go over Alarm Error codes and what to do
- Practice Welding in Manual and Robotic modes

Operator and Maintenance:

- Features and Functions of D-Series (DM350, DP400 and/or DP500)
- Features and Functions of D-Series (Wire Feeder and Torch)
- Programming D-Series to include options.
- Go over Alarm Error codes and what to do
- Practice Welding in Manual and Robotic modes
- PCBs and their functions
- Power components and their functions (IGBT, Diodes, etc.)
- Reading schematics from input power to weld output
- Trouble-shooting with Voltmeters and Oscilloscopes

In addition to classroom lectures and discussions, there will be several “practical” programming and welding exercises.

A “Certificate of Achievement” is awarded to those students attending this two (2) day course who successfully complete all “practical” exercises as well as a written final examination.