

3-PHASE UNITS



The Magnaflux D Series are our most powerful standard wet bench units. They offer maximum magnetization for finding surface and sub-surface defects while using minimal power. The two outputs are independently adjustable to set each magnetic field, circular or longitudinal.

The CD units are power pack versions of our wet horizontal units. Some of the 2000 Series features may not apply.

D-2060

6000 amp 3 Phase FWDC
2 Outputs—Contacts, 12" ID Coil
Voltages Available (208 V or Higher)
Standard Coil May be Substituted for 16", 20", or 25" ID Coil

D-2100

10,000 amp 3 Phase FWDC
2 Outputs—Contacts, 12" ID Coil
Voltages Available (230 V or Higher)
Standard Coil May be Substituted for 16", 20", or 25" ID Coil

CD-2060

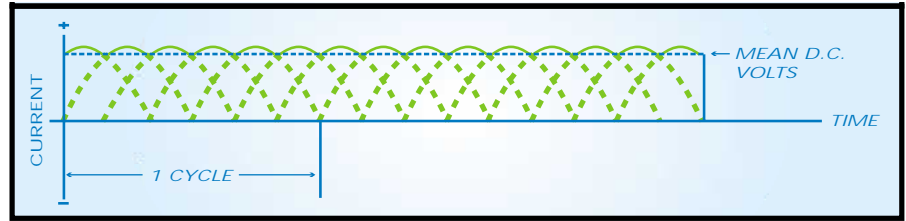
6000 amp 3 Phase FWDC
1 Output—Bus Bars
Voltages Available (208V or Higher)

CD-2100

10,000 amp 3 Phase FWDC
1 Output—Bus Bars
Voltages Available (230V or Higher)

2000 SERIES

3PH FWDC



Features:

All the features listed for the 2000 Series PLUS

- Quick Break Function
- Five (5) Year Frame and Tank Warranty
- Three (3) Year Parts and Labor Warranty

Options:

- Magnaflux Inspection Hood (See Page 10)
- Mod 4 AC- 4000 amps AC Output with Decaying AC Demagnetization*
- Mod 6 AC- 6000 amps AC Output with Decaying AC Demagnetization*
- Reversing DC Demagnetization, to reduce the residual magnetism in the test piece to enhance machining, and welding operations.
- Dual Palm Buttons (in lieu of Footswitch) insuring Hands Clear Operation
- Infrared Light Curtains for Operator Safety
- Rotating Contacts (300 lbs capacity)
- Automatic Bath up to 20"
- Auxiliary Output for External Coil Wraps
- Low Current Option
- Pulse Feature (CD-2060 & CD-2100 Only)

* Only available in Long or Extra Long Frames

Unit Size	Part Length Capacity	Unit Dimensions	Tank Capacity
Standard	54 Inches (137 cm)	89" x 41" x 61"	25 Gal (95 L)
Long	102 Inches (259 cm)	133" x 41" x 61"	37 Gal (140 L)
Extra Long	146 Inches (371 cm)	177" x 41" x 61"	60 Gal (235 L)

QUICK BREAK

When magnetizing parts using three phase DC current it is imperative the unit has a properly functioning Quick Break. Simply put, Quick Break is a defined function that measures how fast the magnetic field collapses in an induced (coil) shot. A part being magnetized with a DC Induced Current will receive the majority of its magnetism at the beginning and the end of the shot. The level of the induced field is directly determined by the rate of change in the magnetic field. By defining and measuring the collapse rate at the end of the magnetizing shot, we can insure a consistent field is induced into the part under test. A consistent magnetic field is the first step in an accurate repeatable inspection.