

## SF-1515 and SF-2824

### Free standing, Continuous Duty Demagnetizing Units

Magnaflux® demagnetization units remove residual magnetism remaining after Magnetic Particle Inspection testing. The upgraded design allows users to run the coil continuously without a duty cycle cool down period or hot coil. This results in faster throughput for a wide range of part sizes, and less wear and tear on the electrical components. For customers using conveyors, no additional components are required for integration.

Demagnetization of ferromagnetic parts is often a prerequisite to final finishing or to ready an item for its ultimate use. Industrial demagnetizing is not an easy task, unless an effective demagnetizing system is used. It is especially difficult when the magnetic field must be reduced to a very low level. Compact in size and ruggedly built, Magnaflux Demagnetization equipment offers a fast and efficient method for demagnetizing a broad variety of part types and sizes following the magnetic particle inspection process.



**SF-1515**



**SF-2824 with Track & Carriage**

#### TYPICAL APPLICATIONS

- Demagnetizing parts that have been subjected to magnetic particle inspection
- Removing residual magnetism in parts intended for use near magnetic instrumentation

#### STANDARD FEATURES

- Durable construction
- Heavy-duty, industrial protective coating
- Simple on/off electrical control
- Continuous duty demagnetization

## PRODUCT PROPERTIES

Unit	SF-1515	SF-2824
Available Voltages	230, 380, 400, 415, 460, 575 V	380, 400, 415, 460, 575 V
Available Frequencies	50 or 60 Hz	50 or 60 Hz
Footprint	34.0" L x 33.0" W x 54.0" H (86.4 x 83.8 x 137.2 cm)	34.0" L x 46.0" W x 63.0" H (86.4 x 116.8 x 160.0 cm)
EN/ EC	CE/ UKCA	
Unit Weight	574.0 lb. (260.4 kg)	845.0 lb (383.3 kg)
Magnetizing Current Capacity (Minimum)	8,500 A-Turns	8,000 A-Turns
Window Size	15.0" W x 15.0" H (38.1 x 38.1 cm)	28.0" W x 24.0" H (71.1 x 61.0 cm)
Window Size with Track and Carriage	15.0" W x 11.9" H (38.1 x 30.2 cm)	28.0" W x 21.5" H (71.1 x 54.6 cm)

**Note:** All S and SF Series Demagnetizer models have a double insulated design; no ground is required.

## CONFIGURATION OPTIONS

Track and Carriage slides parts easily through the demagnetizer to check parts faster with less part handling (200 lb. / 90.7 kg weight capacity).

Series	Part number
SF-1515 Track & Carriage	631554
SF-2824 Track & Carriage	631549

## PART NUMBERS

Series	Part number	Voltage (V)	Frequency (Hz)	Amperage (A)	Power Usage (kW)
SF-1515	631336	230	50 / 60	79 / 67	17.8 / 14.8
	631269	380	50	32	12.2
	631270	400	50 / 60	34 / 27	13.5 / 10.8
	631271	415	50	35	14.5
	631272	460	50 / 60	38 / 32	17.8 / 14.8
	631273	575	60	32	22.1
SF-2824	631274	380	50	62	23.5
	631275	400	50 / 60	58 / 46.4	23.2 / 18.6
	631276	415	50	57	23.5
	631277	460	60	61	27.9
	631278	575	60	49	27.9