

Portable Capacitor Former



Maintenance Solutions



BONITRON

M3628PCF Series

When variable frequency drives are stored for long periods (typically over eight months), the internal chemistry of their capacitors may begin to deteriorate and need to be reformed prior to use. If the capacitors are not reformed before the drive is put into use, the capacitors have the potential to fail which can cause extensive damage to the drive.

The M3628PCF Portable Capacitor Former can be used for maintenance on stored capacitors or as a benchtop DC power supply. The **M3628PCF reforms capacitors by allowing the operator to slowly increase the DC voltage in order to allow the internal chemistry of the capacitor to adjust at an appropriate rate.** Digital displays indicate the setpoint voltage, output voltage, and current.

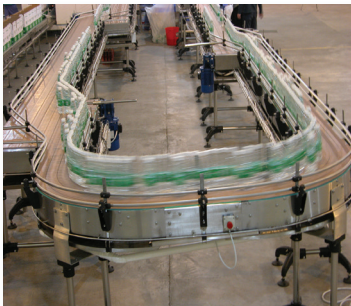
The M3628PCF is ideal for:

- Reforming capacitors
- Providing a portable, variable DC power supply capable of quickly charging capacitors
- Holding capacitor voltage
- Discharging capacitors for maintenance

Product Highlights

- Charges, discharges, and forms capacitors
- Manually variable output voltage: 0 - 1100 VDC
- Digital voltage and current displays
- Overcurrent and overtemperature protection
- Tough impact and weather resistant case

Industry Applications



Assembly Lines | Centrifuges | Conveyors | Cranes | Dynamometers | Elevators | Hoists | Pick and Place | & More!



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Model Number Selection

	Model Number	Input Voltage	Max Output Voltage	Max Output Current	Max Load Capacitance	Weight	
	M3628PCF-Y01-120	110 - 120 VAC	1100 VDC	1 ADC	100000 uF	65 LBS	
	M3628PCF-Y01-240	220 - 240 VAC					

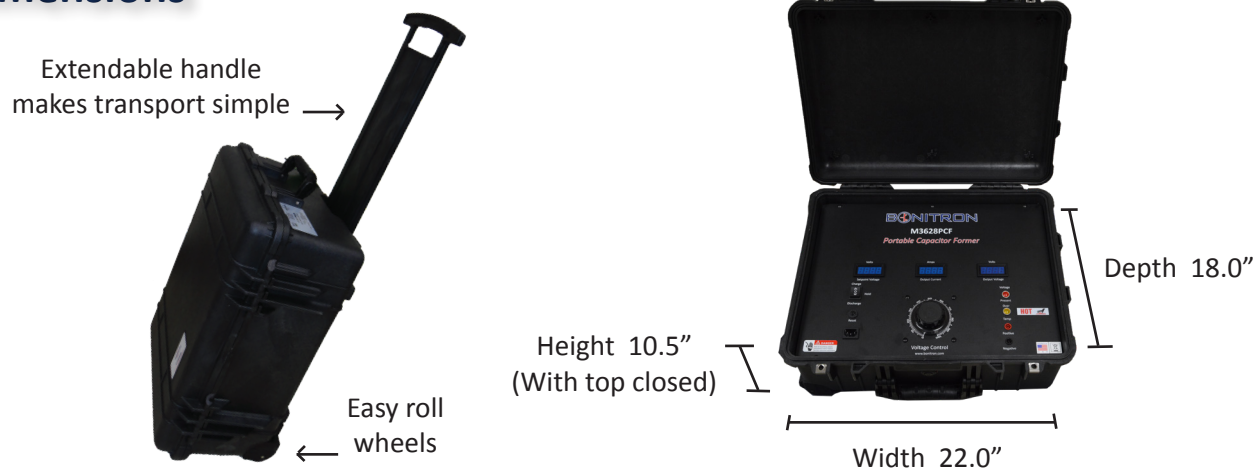
Advantages

- Portable case on wheels
- Easily reforms stored capacitors
- Operates from standard 110-240VAC supply
- Customizable output connections
- Can serve general DC supply needs

Benefits

- Reforming capacitors can aid in preventing catastrophic failure
- Quick verification of stored drives
- Reforming saves cost of purging old stock capacitors
- Reduces maintenance time and cost

Dimensions



Specifications

Switch.....	Charging, Off, or Discharging
Displays.....	Setpoint voltage (0-1100 ±5 VDC) Output voltage (0-1100 ±5 VDC) and Current (0-2000 ± 5mA)
Dimensions.....	10.5"H x 22.0"W x 18.0"D
Weight.....	65 lbs.
Storage Temp.....	-20°C to +65°C
Humidity.....	Below 90% non-condensing
Atmosphere.....	Free of corrosive gas and conductive dust

Scan for more information

