

# 1420

## VARIABLE AC POWER SUPPLY

### Model 1420 comes with:

1420 Power Supply

Power Cord

User Manual

Permanently attached  
leakage probe



### Features:

- Variable-isolated output  
0-150 VAC
- 3 A continuous  
4 A intermittent output
- Built-in soldering iron  
temperature control
- Expanded leakage scale
- Circuit breaker overload  
protection
- Displays V, A, VA, leakage

### Overview:

The 1420 variable isolated AC power supply is great for testing AC line voltage variations or any given product requiring AC power.



**Global<sup>®</sup>  
Specialties**  
*Innovative Training Solutions*

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## SPECIFICATIONS

### Model 1420 Dimensions

#### Product Only

L x W x H

10.5 x 5.7 x 12 in

267 x 145 x 305 mm

#### Weight

22 lbs

10 kg

#### Shipping

L x W x H

18 x 14 x 10 in

457 x 356 x 254 mm

#### Shipping Weight

27 lbs

12.3 kg

1420 AC Power Supply	
Voltage Adjustment Range	0-150 VAC with input at 120 VAC
Output Isolation	Leakage less than 0.1 mA (25°C, 50% RH)
Current Range	0-3 A
Maximum Current (Isolated)	3 A continuous, 4 A intermittent (0-130 V)
Peak Current (Inrush)	30 A max. (inrush limited to one cycle at 30 A)
Voltage/Current Sensing	Sine wave average, calibrated in RMS
Meter Scale	0-240 VAC
	0-480 VAC (voltage set at 120)
Leakage	0-5000 $\mu$ A
	(expanded in 100 – 500 $\mu$ A portion, compressed to 5 mA full scale)
Metering	4 ½ multicolor scales, <u>overrange</u> protected
Typical Meter Accuracy	±5% of full scale (volts and current)
	±5% at 500 $\mu$ A (leakage)
Soldering Iron Temp. Control	70-99% of power line (100 W max.)
AC Input	120 VAC $\pm$ 10%, 60 Hz
Dimensions (H x W x D)	10.5" x 5.7" x 12"
	(267 x 145 x 305 mm)
Weight	22 lbs (10 kg)
All specifications apply to the unit after a temperature stabilization time of 15 minutes over an ambient temperature range of 25 °C $\pm$ 5 °C.	Specifications are subject to change without notice. To ensure the most current version of this manual, please download the current version from our website: <a href="http://globalspecialties.com">globalspecialties.com</a> .