



## Portable Electrode Ovens

### Portable DryRod® Oven Features:

- Easily carried to the job-in the shop or field.
- Even, continuous heat for 100% protection of electrodes from unpacking to use.
- Rugged, steel construction.
- Tamper-proof sealed thermostat (See specifications for models).
- Durable, high visibility safety yellow.



Electrode Capacity	18" (45.7 cm) - 15 lbs. (6.8 Kg), 10" to 14" (25.4 cm to 35.6 cm)
Sealed Htg. Element (1)	100W
Voltage - all single phase	120V or 240V AC Only
Wiring	6' (1.8 m) grounded cord
Temperature Range**	300°F (149°C) Average Stabilized Temperature* @ 70° Ambient Temperature*
Thermostat	None - Constant Input
Insulation	1" (2.5 cm) Glass Fiber Batt w/foil
Chamber Size	3.5" dia. x 20" (8.9 cm dia. x 45.7 cm)
Exterior Dimensions	5" dia. x 20" (12.7 cm dia. x 50.8 cm)
Net Weight	6 lbs. (2.7 Kg)
Shipping Weight & Dimensions	7 lbs. (3.2 Kg) 7" x 10" x 22" (18 x 25 x 55 cm)

### MP

MP120V with electrode holder  
240V with electrode holder

Part No.	Description
1205460	MP/120V AC Portable Oven
1205461	MP/240V AC Portable Oven

### 10 Series

10B / 120V or 240V 300°F  
10BTH / 120V or 240V 275°F  
10BTL / 120V or 240V 155°F  
10BVT / 120V or 240V Preset to 275°F  
add -E for Electrode Holder w/Thermometer



Part No.	Description
1200401	10B/120V AC/DC Portable Oven
1200404	10B/240V AC/DC Portable Oven
1200410	10B-E/120V AC/DC Portable Oven
1200415	10B-E/240V AC/DC Portable Oven
1200402	10BTH/120V AC Portable Oven
1200409	10BTH/240V AC Portable Oven
1200411	10BTH-E/120V AC Portable Oven
1200403	10BTL/120V AC Portable Oven
1200412	10BTL-E/120V AC Portable Oven
1200405	10BVT/120V AC Portable Oven
1200413	10BVT-E/120V AC Portable Oven

### Specifications

#### Type 10B

#### Type 10BTH

#### Type 10BTL

#### Type 10BVT

Electrode Capacity	18" (45.7 cm) - 15 lbs. (7.3 Kg), also handles 10" (25.4 cm), 12" (30.5 cm) and 14" (35.6 cm)			
Sealed Htg. Element (1)	100W - sheathed tubular tube	150W - sheathed tubular tube	100W - sheathed tubular tube	150W - sheathed tubular tube
Voltage - all single phase	120V or 240 V, AC / DC	120V or 240V, AC only	120V or 240V, AC only	120V or 240V, AC only
Wiring	10' (3.0 m) grounded heavy duty cord (Integral indicator light w/all models)			
Temperature Range**	300°F (149°C) @ 70°F (21°C) ambient temperature*	275°F (135°C)*	155°F (68°C)*	100° to 400°F (38° to 204°C) Preset to 275°F (135°C)*
Thermostat	Constant Input (no thermostat)	Sealed - Preset	Sealed - Preset	Variable Thermostat
Insulation	1" (2.5 cm) Glass Fiber Batt			
Chamber Size	3-1/8" dia. x 19" (7.9 cm dia. x 48.3 cm)			
Exterior Dimensions	8" dia. x 24-1/2" (20.3 cm dia. x 62.2 cm)			
Net Weight	15 lbs. (6.8 Kg)			
Shipping Weight & Dimensions	16 lbs (7.3 Kg) 8" x 8" x 26" (20.3 x 20.3 x 66 cm)			

\*\*Average stabilized temperature

\* Temperature may vary slightly dependent upon load and ambient temperature



### 50 Series

50B / 120V or 240V AC  
(with Thermostat)  
50C / 120V AC/DC  
(without Thermostat)

Part No.	Description
1205410	50B/120V AC Portable Oven
1205411	50B/240V AC Portable Oven
1205420	50C/120V Oven AC/DC Less Thermostat

### Specifications

#### 50B

#### 50C

Electrode Capacity	18" (45.7cm) - 50 lbs. (22.7 Kg), 10" to 14" (25.4 cm to 35.6 cm)	
Sealed Htg. Element (2)	350W	200W
Voltage - all single phase	120V or 240V AC Only	120V AC / DC
Wiring	10' (3.0 m) grounded heavy duty cord	
Temperature Range**	300°F (149°C) Average Stabilized Temperature* @ 70° Ambient Temperature*	
Thermostat	Sealed - Preset	None - Constant Input
Insulation	1" (2.5 cm) Glass Fiber Batt	
Chamber Size	6 x 6 x 18.2 in. (15.2 x 15.2 x 46.3 cm)	
Exterior Dimensions	8.8 x 9.2 x 21.2 in. (22.4 x 23.5 x 54 cm)	
Net Weight	29 lbs. (13.1 Kg)	
Shipping Weight & Dimensions	32 lbs. (14.5 Kg) 10 x 10 x 24 in. (25.4 x 25.4 x 61 cm)	

\*\*Average staabilized temperature

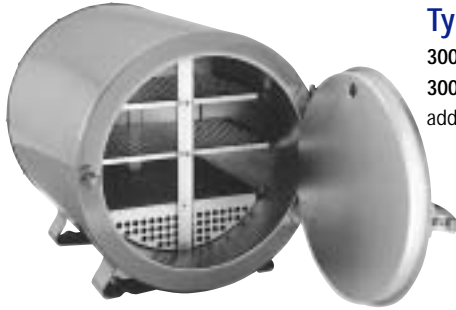
\* Temperature may vary slightly dependent upon load and ambient temperature



## Shop Electrode Ovens - Bench / Floor

### 300 and 900 DryRod® Series Features

- Oven shelves can be removed for the drying of wire coils and the pre-heat and post-heat of welded parts.
- Circular shape heats interior evenly, natural air currents direct moisture toward vents at the top of the door.
- Tubular, metal-sheathed twin heating elements clamp to upright struts on bottom of oven, providing fast easy heat...no danger of "shorting". Easy maintenance.
- Two inch glass fiber batt insulation and reflective, heat resistant silicone/aluminum interior paint for minimum heat loss.
- Adjustable thermostatic control, indicator light signifies a "heat on" condition, recessed guard case protects controls.
- Single-action door latch opens easily, closes positively, and can be padlocked.



#### Type 300

300 / 120 - 120V AC  
300 / 240/ 480 - 240/480V AC  
add ST for stacking provision

Part No.	Description
1200200	300/120V AC Oven
1200202	300ST/120V AC Oven-Stackable
1200100	300/240-480V AC Oven
1200102	300ST/240-480V AC Oven-Stackable
1205400	300/240V AC Oven
1205401	300ST/240V AC Oven-Stackable

#### Type 300 Specifications

Electrode Capacity	350 lbs. (159 Kg) - 18" (45.7cm)
Size Electrode Handled	10" to 18" (25.4 to 45.7 cm), also accommodates wire rolls
Heating Element (2)	1000 watts total
Voltage -All Single Phase	120V AC only or 240 /480V AC operates on 50 or 60 cycles
Grounded Heavy Duty Cord	10' (3.0 m) three wire cord - 120V model with straight blade grounding plug - 240/480V model is supplied with cord (no plug)
Temperature Range & Control	100° to 550°F (38° to 288°C) +/- 25°F (14°C) Adjustable Thermostat Control with Indicator Light
Insulation	2" (5 cm) Glass Fiber Batt
Inside Diameter	18" dia. x 19" deep (45.7 cm x 48.2 cm)
Shelved Compartments	6 (removable for wire rolls)
Outside Dimensions	29-1/2" x 22-1/2" x 22-1/2" (74.9 x 57.2 x 57.2 cm)
Net Weight	90 lbs. (41 Kg)
Shipping Weight & Dimensions	115 lbs. (52 Kg) 26" x 33" x 27" (66 x 83.8 x 68.6 cm)



#### Type 900

Type 900 - 240 / 480V AC

Part No.	Description
1200300	900/240-480V AC Oven

#### Type 900 Specifications

Electrode Capacity	1,100 lbs. (500 Kg) - 18" (45.7cm)
Size Electrode Handled	10" to 24" (25.4 to 60.9 cm), also accommodates wire rolls
Heating Element (2)	2400 watts total
Voltage -all single phase	240 /480V AC only Operates on 50 or 60 cycles
Grounded Heavy Duty Cord	10' (3.0 m) three wire cord - less plug, permanently attached
Temperature Range & Control	100° to 550°F (38° to 288°C) +/- 25°F (14°C) Adjustable Thermostat Control with Indicator Light
Insulation	2" (5 cm) Glass Fiber Batt
Inside Diameter	31" dia. x 21-1/2" deep (78.7 cm x 64.7 cm)
Shelved Compartments	10 (removable for wire rolls)
Outside Dimensions	35-1/2" x 35-1/2" x 35-1/2" (90.2 x 90.2 x 90.2 cm)
Net Weight	228 lbs. (103 Kg)
Shipping Weight & Dimensions	327 lbs. (148 Kg) 43" x 43" x 45" (109.2 x 109.2 x 114.3 cm)

#### Model ST - Stacking Provision for Type 300 Ovens-(Accessory)

Stacking permits two Type 300 ovens to occupy the same floor space as one. Stacking lugs (factory installed only) on lower oven bolt to feet of any Type 300 oven, whether in the field or newly ordered.



#### Thermometer Kit for Type 300, 900, & dryWIRE® Ovens (Accessory)

Kit mounts in door of oven. Easily installed in the field. Factory installation available with original order. Temp. range 100° to 500°F (38° to 260°C). Certified accurate to +/- 10°F (5°C)

Part No. 1250300  
1250301 Factory Installed

## Safetube® / dryWIRE® / High Temperature Ovens for Rebaking and Reconditioning Electrodes



### Safetube®

- Protects welding electrodes.
- Capacity:
  - 14"-holds up to 10 lbs. (4.5 Kg) of 14" (35 cm) welding electrodes.
  - 18"-holds up to 15 lbs. (6.8 Kg) of 18" (450 mm) welding electrodes.
- Temperature contents should not exceed a maximum temperature of 250° F (121°C).
- Protection from dirt, water, dust, grease, etc.
- Has optional carrying strap allows for convenient carrying of Safetube® by the handle or over the shoulder (Sold Separately).

Part No.	Description	UM
1205440	14" Safetube®	Ea
1205459	18" Safetube®	Ea
1205450	Carrying Strap	Ea

Shipped Completely Assembled Following Thorough Factory Testing Including:

- Air circulation adjustment
- Temperature control adjustment
- Operation at maximum temperature

### Type 400BT Specifications

Electrode Capacity	18" (45.7 cm) max. - 400 lbs. (181Kg)
Temperature Range	100° to 800°F (38°-427°C)
Chamber Size / Volume	21-1/2" (54.6 cm) dia. x 20" (50.8 cm) deep / 3.7 cu. ft. (.104 m <sup>3</sup> )
Shelves	7 metal compartments
Exterior (Welded)	#16 Gauge
Aluminized Steel Chamber	#18 Gauge
Heating Elements	6.0 KW - sheathed elements
Insulation	5" (12.7 cm) avg., thermafiber
Voltage - Three Phase only	3/60/240 or 3/60/480 Volt AC (convertible)
Wiring	Wired for 480V (factory) - Convertible to 240V in field
Manual Controls	Electronic Indicating Controller with High Temp Limit Device
Recirculating System	Calculated, 150 CFM (4.2 m <sup>3</sup> / M)
Centrifugal Blower Motor	1/2 H.P.
Exterior Dimensions	35-1/2" W x 43-1/2" D x 43"H (90.1 W x 110.5 D x 109.2 H cm)
Net Weight	430 lbs. (195 Kg)
Shipping Weight (approx) & Dimensions	580 lbs. (263 Kg) 43" W x 49" D x 51" H (109.2 W x 124.5 D x 129.5 H cm)

### 400BT

- Electronic indicating temperature control.
- High temperature limit device.
- High capacity centrifugal, recirculating blower with balanced airflow / heat inputs provides even heat throughout chamber (blower is OSHA safe).
- Fresh air intake with adjustable exhaust.
- Vertical airflow.
- Spring loaded door latch, explosion-venting type.
- Resilient door gasket prevent heat loss.
- Structurally reinforced 14, 16 & 18 gauge steel construction.
- Aluminized steel interior chamber.
- Baked enamel, chemical-resistant exterior coating.



### 400BT

400BT (2-NM) @ 3/60/480V  
AC convertible to 3/60/240V

Part No.	Description
1204800	400BT/2-NM Rebake Oven 3/60 240-480V
1204805	400BT/2-NM-5 Rebake Oven 3/50 380V
1204806	400BT/2-NM-6 Rebake Oven 3/50 415V

### dryWIRE®



dryWIRE® 240/480V AC

- Holds flux cored wire in a moisture free environment, greatly reducing the potential for moisture pick-up and hydrogen induced cracking.
- Tig rack on inside of door holds 50 lbs. (22.7 kg) of 36" filler metal.
- Adjustable shelving accommodates different spool sizes for a variety of configurations and applications.
- Thermostat located on oven front, easy-to-read, with power indicating pilot light.
- Temperature range allows for storage reconditioning, pre & post heat, drying, baking and aging applications.
- Optional thermometer provides temperature indication at a glance.

### dryWIRE® Specifications

Capacity, Spools/Coils*	Up to 24-12" Spools or 16-16" Coils
Interior Dimension (WxDxH)	35" x 21" x 47" (89 x 53 x 119 cm)
Exterior Dimension (WxDxH)	45" x 29" x 55" (114 x 74 x 140 cm)
Temperature Range	100°F-550°F (38°C-288°C)
Thermostat	Dial Adjustable
Insulation	2" Fiber Glass Batt
Voltage	240V/480V AC Only (50-60 Cycle)
Wattage	2500 Watts
New Weight	450 lbs. (204.1 Kg)
Shipping Weight	520 lbs. (235.6 Kg)

Part No.	Description
1205430	dryWIRE® 240/480V AC



## Flux Holding and Rebaking Ovens

### DryRod® Flux Oven Features

- Secure, moisture-proof storage of flux from bag to use
- Top loading for easy handling
- Adjustable thermostatic control

#### Type 100FX:

- Mounted on wheeled dolly for easy movement in shop or field
- Flux is held in customer-furnished canisters or pails that can be removed for optional heating of three 60 lbs. (27.2 Kg) flux-cored wire rolls

#### Type 950FX and 750HT

- Sloping bottom for gravity flow dispensing through gate valve at bottom

Part No.	Description
1201902	100FX 120V AC Flux Oven
1201906	100FX 240V AC Flux Oven
1200604	950FX 480V AC Flux Oven
1200605	950FX 240V AC Flux Oven
1201801	750HT 480V AC Flux Oven
1204802	750HT 240V AC Flux Oven



**Type 100FX portable model**

100FX - 120V AC  
100FX - 240V AC



**Type 950FX**

950FX/240 - 240V AC  
950FX/480 - 480V AC



**Type 750HT**

750HT/240 - 240V AC  
750HT/480 - 480V AC

### Specifications

#### 100FX

#### 950FX

Specifications	100FX	950FX
Flux Capacity	100 lbs. (45.4 Kg) with canisters or 50 lbs. (22.7 Kg) with (1) 5 gal. (18.9 L) pail, or (3) 60 lb. (27.2 Kg) coils of flux-cored wire, or 150 lbs. bulk-loaded flux	600 lbs. (272 Kg) granulated flux
Heating Elements	1,000W total (ring type)	3.0KW (tubular type)
Voltage	120V, AC single phase 240V, AC single phase	240V or 480V (specify one) 50 or 60 cycles, AC, three phase
Input Connection	10 ft (3 m) grounded heavy-duty cord with grounding cap	Terminal Block for field wiring
Temperature Range	100° to 350° F (38° to 177° C)	100° to 450° F (38° to 232° C)
Thermostat	Adjustable control with indicator light, 100° to 550° F (38° to 288° C), +/- 25° F (14°C)	Adjustable control with indicator light, 100° to 550°F (38° to 288° C), +/- 25° F (14°C)
Insulation	2" (5 cm) Glass Fiber Batt	2" (5 cm) Glass Fiber Batt
Chamber	18" (45.7 cm) dia. x 16" (40.6 cm) D, 2.5 cu. ft. (.007 m³)	6-1/2 cu. ft. (0.18 m³) hopper type
Outside Dimensions	23" W x 27" D x 37" H (58.4 x 68.5 x 94 cm)	39-1/2" dia. x 35" H (100.3 x 88.9 cm)
Loading Method	Removable weatherproof cover Load by Hand	Removable insulated top cover - Load by Hand
Discharge	Removable weatherproof cover - Unload by Hand	Sloping Bottom - Gravity flow thru 3" (7.6 cm) dia. opening with dispensing valve
Net Weight	175 lbs. (80 Kg)	325 lbs. (147 Kg)
Shipping Weight & Dimensions	Approx. 200 lbs. (90.7 Kg) Approx. 30" x 30" x 44" (76.2 x 76.2 x 111.8 cm)	375 lbs (170 Kg) 43" x 43" x 45" (109.2 x 109.2 x 114.3 cm)

### Specifications

#### 750HT

Specifications	750HT
Capacity	680 lbs. (308 Kg) granulated flux (approx.)
Heating Elements	6.0 KW (tubular type)
Voltage	240 or 480 volts (specify one) 50 or 60 cycles AC, three phase
Input Connection	Terminal Block for field wiring
Temperature Range	100° to 800° F (38° to 427° C)
Thermostat Control	Electronic controller with indicator light Mechanical - High Temp. Limit, Manual Reset
Insulation	4" (10.2 cm) Glass Fiber Batt
Chamber	8.6 cu. ft. (0.24 cu. M) hopper type
Outside Dimensions	51" W x 30" D x 52" H (129.5 x 76.2 x 132 cm)
Loading Method	Hinged top cover - insulated and vented - Load by hand
Discharge	Sloping Bottom - Gravity flow thru 3" dia. opening with dispensing valve
Net Weight	590 lbs. (268 Kg)
Shipping Weight & Dimensions	675 lbs. (306 Kg) - 56" x 33" x 61" (142.2 x 83.8 x 154.9 cm)