

HydroGuard™ Bench Rod Ovens

Processes

Stick Electrode, MIG Wire

Product Number

K2942-1 115/120/1/50/60

K2942-2 240/480/1/50/60

See back for complete specs

Capacity

350 lbs. (159 kg) up to 18 in.
(45.7 cm) electrode

Chamber Size

Dia / Depth
18 x 19 in. (46 x 48 cm)

Insulation

2 in. (5 cm) Fiberglass

Temperature Range

100-550° F (38-288° C)
Minimum ambient operating
temperature is 32° F to maintain
a rod oven chamber temperature
of 250° F.

Heating Element

Two elements - 1000 watts total

Weight/Exterior Dimensions (H x W x D)

90 lbs. (41 kg)
29.5 x 22.5 x 22.5 in.
(749 x 572 x 572 mm)

Outstanding Moisture Resistance for Improved Weld Quality

HydroGuard™ Rod Ovens help protect stick electrodes from moisture pickup, a major contributor to weld cracking and porosity. The Bench model holds up 350 lbs (159 kg) of stick up to 18 in. (46 cm) in length, enough for multiple operators in almost any fabrication shop.

FEATURES

- ▶ **Circular Shape Directs Airflow** – Distributes heat evenly throughout the interior and directs moisture to the adjustable vent at the top of the door.
- ▶ **Adjustable Thermostat** – Regulate temperature from 100-550° F (38-228° C). Pilot light indicates active heating mode. Housing recesses controls for added protection.
- ▶ **Flexible Interior Configuration** – Remove shelves to use rod oven for pre- or post-weld heating of welded parts.
- ▶ **Variable Moisture Vent** – Regulate interior moisture levels through an adjustable vent on the door.
- ▶ **Handy Shelf** – A horizontal surface added to the top provides a surface for taking notes, storing documentation or necessary tools.
- ▶ **Data Logger Capable** – Records time and temperature to comply with certain code requirements.

APPLICATIONS

- ▶ Maintenance
- ▶ Fabrication



Shown:

K2942-1 with optional thermometer kit



K2942-1



K2942-2

IPX0
Rated

All Models

INPUT



OUTPUT

100-550° F
(38-288° C)

1

YEAR WARRANTY
PARTS AND LABOR

AÑOS DE GARANTÍA
PARTES Y MANO DE OBRA
ANS DE GARANTIE
PIECES ET MAIN D'OEUVRE

Please see Storage and Handling section
of the C1.10 Consumable Catalog.

Note: K2942-2 240/480 volt model is shipped without plug.



Removable Shelves – For pre- or post-weld heating of welded parts or MIG wire on metal spools.



Moisture Vent – Allow hot, moist air to escape from the chamber.



Adjustable Thermostat –

- 100-550° F (38-228° C) range.
- Pilot light confirms when heating element is on.
- Recessed controls for added protection.



Top Mounted Shelf – Take notes, store documents.

RECOMMENDED ACCESSORIES



Optional Thermometer Kit
Allows monitoring of actual temperature ranging from 100-500° F (38-260° C) Certified accurate to +/- 10° F (12° C).
Order K3148-1

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Capacity	Chamber Size	Insulation	Temperature Range	Heating Element	HxWxD inches (mm)	Net Weight lbs. (kg)
HydroGuard™ Bench 350 Rod Oven	K2942-1	115/120/1/50/60	350 lb. (159 kg)	Dia. / Depth 18 x 19 in.	2 in. (5 cm)	100-550° F (38-288° C)	Two elements - 1000 watts total	29.5 x 22.5 x 22.5 (749 x 572 x 572)	90 lbs. (41 kg)
	K2942-2	240/480/1/50/60	up to 18 in. (457 mm) electrode	(457 x 483 mm)	Fiberglass	Thermostat control with indicator light + / - 25° F (14° C)			

Note: K2942-2 240/480 volt model is shipped without plug.

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables.
Visit www.lincolnelectric.com for more details.

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THE WELDING EXPERTS®