

HydroGuard™ Portable Rod Ovens

Processes

Stick

Product Number

K2939-1 115/120/1/50/60

K2939-2 230/1/50/60

See back for complete specs

Capacity

10 lbs (4.5 Kg) of 18 in (45.7 cm) electrode

Chamber Size

Dia / Depth

3 in x 20 in (7.3 cm x 50 cm)

Insulation

1.5 in (3.8 cm) Fiberglass

Preset at 300° F (149° C).

Minimum ambient operating temperature is 32° F to maintain a rod oven chamber temperature of 250° F.

Heating Element

75 Watt Wire Wrapped

Weight/Dimensions (H x W x D)

10.5 lbs. (4.8 Kg)

23.25 x 5.5 x 8 in

(591 x 140 x 203 mm)

Temperature Range

Outstanding Moisture Resistance for Improved Weld Quality

HydroGuard™ Portable Rod Ovens from Lincoln Electric help you protect your stick electrodes from moisture pickup, a major contributor to weld cracking and porosity. Protect your rods and drive moisture away. Your welds depend on it.

FEATURES

- ▶ **Compact design** – Easy to transport to the job site.
- ▶ **Rod Elevator** – Makes it easy to extract your stick electrode.
- ▶ **Preset 300° F (149° C) temperature.**
- ▶ **Power On indicator light** – Visually confirms operation.
- ▶ **Removable, one-piece carrying handle.**
- ▶ **Substantial insulation layer** – Efficiently maintains temperature.
- ▶ **Tough powder coat finish.**
- ▶ **Durable steel construction.**
- ▶ **UL approved.**

APPLICATIONS

- ▶ Home/Farm/Shop
- ▶ Maintenance
- ▶ Construction
- ▶ Fabrication

K2939-1 

K2939-2 



INPUT



OUTPUT

Preset at
300° F
(149° C)

1

YEAR WARRANTY
PARTS AND LABOR
AÑOS DE GARANTÍA
PARTES Y MANO DE OBRA
ANS DE GARANTIE
PIÈCES ET MAIN D'OEUVRE

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THE WELDING EXPERTS®

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PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Capacity	Chamber Size	Insulation	Temperature Range	Heating Element	HxWxD inches (mm)	Net Weight lbs. (kg)
HydroGuard™ Portable Rod Oven	K2939-1	115/120/1/50/60	10 lbs. (4.5 kg) of 18 in. (45.7 cm) electrode	Dia. / Depth 3 x 20 in. (7.3 x 50 cm)	1.5 in. (3.8 cm) Fiberglass	Preset at 300° F (149° C)	75 Watt Wire Wrapped	23.25 x 5.5 x 8 (518 x 356 x 630)	10.5 (4.8)
	K2939-2	230/1/50/60							

Minimum ambient operating temperature is 32° F. to maintain a rod oven chamber temperature of 250° F



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

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.



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 to 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

INPUT



OUTPUT

100-550° F
(38-288° C)

1

1
YEAR WARRANTY
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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) Fiberglass	100-550° F (38-288° C) Thermostat control with indicator light + / - 25° F (14° 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)					

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

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