



Product Booklet

Keen KT-99 TIG Filler Wire and FCAW Wire Spool and Storage Oven – 2 Drawers 4 Shelves Model



**Purpose: To prevent moisture contamination in
TIG filler rods and spooled welding wire**

**Capacity: 300 lbs 36" Filler Metal and 24 / 12"
Diameter (33 lb) Welding Wire Spools in
sliding drawers (12/drawer)**

Temperature Range: Ambient – 250F



Product Overview

Keen KT-99 TIG and Spooled Wire Holding Oven - Floor 2 Wire Spool Drawers and 5 TIG Shelves Model

About the KT-99 TIG and Spooled Wire Oven – Stores up to 30 / 10 lb. boxes of 36” TIG Wire and up to 24 / 12” (33 lb.) wire spools and/or powders

The KT-99 stores up to 30/10 lb. boxes of 36” TIG Wire and up to 24 / 12” (33 lb.) wire spools and/or powders. Our floor ovens are the preferred choice for many large manufacturing, fabrication and aerospace facilities where centralized, tight control of costly TIG alloys is of utmost importance. Our KT-99 model maintains TIG wire and FCAW or MIG wire at ideal temperatures to prevent moisture pick-up and to optimize welds.

Heavy-Duty Construction Features

- Durable powder-coated steel exterior
- Welded construction
- Perforated, corrugated sliding shelves with custom-manufactured supports
- Heavy-duty reinforced see-through Lexan® door, door latches
- High-strength door gasket with 304 stainless steel knitted wire core and high-temperature fiberglass overbraid
- Pockets at oven base for easy transport by forklift
- Locking draw-pull catches with supplied Master Lock padlocks
- Heavy-duty sliding drawer in base of unit for spooled wire
- 1 year limited manufacturer warranty

Performance Heating and Safety Features

- 1" (2.54 cm) thermal insulating wool for energy-efficiency.
- Long-lasting 1000W UL®-approved Incoloy-sheathed tubular heating element for effective heating.
- Digitally-adjustable, ON/OFF microprocessor-based controller with ± 1 degree accuracy
- Stable, reliable temperature control
- 4-digit LED temperature indicating display
- Handy tactile increment/decrement keys on the controller's water-resistant front panel enable easy temperature set point adjustment
- Temperature readout in Fahrenheit or Celsius
- Adjustable, thermocouple-actuated manual reset over temperature control (high limit fail safe device)

Product Overview

Keen KT-99 TIG and Spooled Wire Holding Oven - Floor 2 Wire Spool Drawers and 5 TIG Shelves Model

Shelving Design

The perforated, corrugated shelving in the KT-99 permits natural convection to occur within the oven and supports TIG boxes and their edges to economize the interior space of the oven. The reinforced sliding shelves are supported by drawer slides custom manufactured by KEEN. With our shelving design, you can be assured that heat will reach your consumables safely and effectively and prevent atmospheric moisture contamination.

Also in the base of the are 2 sliding drawers for storing spooled MIG or FCAW welding wire. Each drawer can hold up to 12 / 33 lb (12-inch) spools.

Customization

We have the unmatched ability to customize any of our standard ovens, and/or design one-of-a-kind ovens for unique storage requirements. Welding codes are constantly changing, and Keen is ready to meet the demands of today's welders. Please visit our website <http://www.keenovens.com> for more information about our products and detailed technical information about welding consumable storage.



Specifications for Keen KT-99 TIG Filler Wire and Spool Storage Oven - **2 Drawers / 4 Shelves Model**

Part Number	010815 (120V) 010814 (240V 1-Phase)
010825 (480V 1-Phase)	010829 (480V 3-Phase)
Oven Category	Floor – TIG Filler Wire and Wire Spools
Filler Rod Capacity	30 tubes. 36" Filler Rod, 24/12" Wire Spools in 2 Sliding Drawers (12/drawer) at Base of Oven
Electrode Capacity (KGS)	272.16 kgs. 45.7cm Rods
Standard Voltages Available	120V, 240V
Wattage	1000W
Temperature Range (°F)	Ambient - 250°F
Temperature Range (°C)	Ambient - 121°C
Thermostat	Digital Microprocessor
Safety Feature	Manual Reset Over Temperature Control
Insulation	1" Thermal Wool
Interior Dimensions (IN)	37" D x 18.25" W x 47" H
Interior Dimensions (CM)	93.98cm D x 46.36cm W x 119.38cm H
Exterior Dimensions (IN)	42.5" L x 26.5" W x 52.2" H
Exterior Dimensions (CM)	107.95cm L x 67.31cm W x 132.59cm H
External Thermometer	Digital Temperature Display
Net Weight (LBS)	427 lbs.
Net Weight (KGS)	193.69 kgs.
Shipping Dimensions (IN)	52" L x 34" W x 63" H
Shipping Dimensions (CM)	132.08cm L x 86.36cm W x 160.02cm H
Shipping Weight (LBS)	540 lbs.
Shipping Weight (KGS)	244.95 kgs.
Power Cord Length	8 ft.
"ON" Indicating Light	Yes
CSA Approval	No
UL Approval	No
Accessories	12" x 36" Drawer for up to 12/12" Wire Spools
Similar Keen Ovens	KT-4-36, K-1000M&T, KT-99

Henkel Enterprises, LLC - 211 E. Church Street - Hammond, LA 70401 USA
Toll Free Tel: 888.512.2870 Local Tel: 985.345.2171 Fax: 985.345.5653
Website: www.keenovens.com E-Mail: sales@keenovens.com

KEEN Filler Wire Storage Ovens (TIG, GTAW)

Made in the USA and ruggedly constructed, Keen TIG wire storage ovens are available in a wide variety of capacities to suit the most rigorous welding operations. We offer the widest storage capacity range in the industry and can customize any unit upon request. We also have the unmatched ability to design one-of-a-kind spooled TIG wire storage ovens for unique storage requirements. Welding codes are constantly changing, and Keen is ready to meet the demands of today's welders.

Below is a list of industries where Keen welding TIG filler wire ovens:

- Aerospace Machinery Repair and Fabrication
- Pipe Line Welding Repair and Fabrication
- Structural Welding
- Ship Repair and Conversion
- Shipbuilding
- Steel Elevated Water Tanks
- Boiler and Pressure Vessel Repair and Fabrication
- Steel Tank Fabrication
- Large Sign Fabrication

For small shops requiring moisture-free storage of TIG wire, we offer small bench models like the KT-4-36 that is capable of storing 24 tubes of 36" length wire. For bigger shops, we offer large-capacity floor-positioned ovens such as the K-360-36 and the KT-99 - originally designed for Boeing - which also features a sliding drawer for storing FCAW wire or MIG wire.

Many military defense, aerospace manufacturing and repair facilities trust KEEN for safe, humidity-free storage of their expensive TIG alloys. The KT-99 with it's Lexan door and locking door feature has been a mainstay for many aerospace companies around the world that prefer high-quality American products manufactured by Keen. Custom version of the KT-99 are available including a nitrogen purge version, as well as a model with 2 MIG/FCAW drawers.

Please review the following specification sheets and product overviews for more information on KEEN TIG wire storage ovens.



Henkel Enterprises, LLC

P. O. BOX 1322
HAMMOND, LA. 70404
Tel: (985) 345-2171
www.keenovens.com

One Year Limited Warranty

.....

Henkel Enterprises, LLC warrants its products against defects in material and workmanship. Henkel Enterprises, LLC will either repair or replace without charge any properly installed product which fails under normal operating conditions within one year from date of installation, provided it is returned to our factory, transportation prepaid, and our inspection determined it to be defective under the terms of this warranty. The warranty covers only equipment manufactured by Henkel Enterprises, LLC and does not extend to transportation, installation, or replacement charges at the buyer's facility; nor does it apply to any other equipment of another manufacturer used in conjunction with Henkel Enterprises, LLC equipment. No other warranty, expressed or implied exists beyond that included in this statement.

.....