



Product Booklet

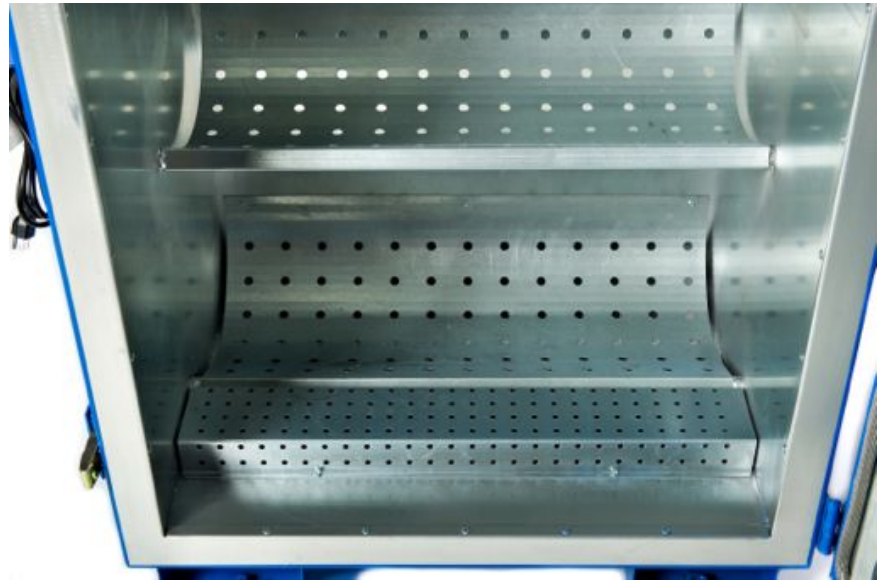
Keen K-1000M&T FCAW Wire Spool and TIG Filler Wire Storage Oven – Floor Positioned



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

**Capacity: 8 / 10 lb Tubes Filler Metal and 18 / 12”
Diameter (33 lb) Welding Wire Spools**

Temperature Range: Ambient – 250F



Product Overview

Keen K-1000M&T Spooled Wire Holding Oven - Floor

About the K-1000M&T Spooled Wire Oven – 18 / 12” (33 lb.) Spools and 8 / 10 lb. tubes of 36” TIG Filler Rod

The K-1000M&T stores 18 / 12” (33 lb.) FCAW wire spools and 8 / 10 lb. tubes 36” TIG Filler Rod. Our floor ovens are the preferred choice for many large manufacturing, fabrication and aerospace facilities where centralized, tight control of welding electrode quality and cost is of utmost importance. Our K-1000M&T model maintains welding rods at ideal temperatures to prevent moisture pick-up and to optimize welds.

Heavy-Duty Construction Features

- Durable powder-coated steel exterior
- Welded construction
- Cradled perforated shelving allows for natural convection
- Heavy-duty reinforced door, door latches and handle
- 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
- 1 year limited manufacturer warranty

Performance Heating and Safety Features

- 2" (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)

Shelving Design

The perforated, cradled shelving in the K-1000M&T allows for natural convection within the oven and enables the spools to be supported on their sides without rolling out. The reinforced shelves are supported by a welded-in steel bar for stability and to prevent bending. Beneath the perforated shelves lies the tubular

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heating element, thus the spools are protected against contact with the heating element. With our shelving design, you can be assured that heat will reach your consumables safely and effectively and prevent atmospheric moisture contamination.

The K-1000M&T has an additional storage capacity in the door rack that is capable of storing 8 / 10 lb. tubes of 36" TIG Filler Rod. The door is reinforced with welded hinges enabling to support the weight of TIG electrodes. The added TIG electrode storage capability makes the K-1000M&T more versatile than other products in the market.

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 K-1000 M&T Mixed-Use Oven - Stores Wire Spools and TIG Filler Wire

Part Number	010901 (120V)
010903 (480V - 3 Phase)	010900 (240V – 1 Phase)
	010902 (480V – 1 Phase)
Oven Category	Floor – Wire Spools and TIG
Electrode Capacity (LBS) Wire Capacity (# of Spools)	8 / 10 lb Tubes Filler Metal 18 / 12" Diameter (33 lb) Wire Spools
Electrode Capacity (KGS) Wire Capacity (# of Spools)	8 / 5kg Tubes Filler Metal Stored in Door Rack 18 / 30cm Spools on Shelves
Standard Voltages Available	120V, 240V, 480V
Wattage	1000W
Temperature Range (°F)	50-250°F
Temperature Range (°C)	10-121°C
Thermostat	Digital Microprocessor
Safety Feature	Manual Reset Over Temperature Control
Insulation	2" Thermal Wool
Interior Dimensions (IN)	20.5" D x 27" W x 40" H
Interior Dimensions (CM)	52.07cm D x 69.85cm W x 101.6cm H
Exterior Dimensions (IN)	28" L x 38" W x 49" H
Exterior Dimensions (CM)	71.12cm L x 96.52cm W x 124.46cm H
External Thermometer	Digital Temperature Display
Net Weight (LBS)	290 lbs.
Net Weight (KGS)	136.08 kgs.
Shipping Dimensions (IN)	38" L x 44" W x 58" H
Shipping Dimensions (CM)	96.52cm L x 111.76cm W x 144.78cm H
Shipping Weight (LBS)	400 lbs
Shipping Weight (KGS)	181.44 kgs.
Power Cord Length	8 ft.
"ON" Indicating Light	Yes
CSA Approval	No
UL Approval	No
Accessories	None Available
Similar Keen Ovens	K-900, K-1000, K-MPO, K-4RS, K-4RSM, K-4RSD

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KEEN Spooled Wire Storage Ovens (MIG, FCAW)

Made in the USA and ruggedly constructed, Keen FCAW (Flux-Cored Arc Welding) and MIG (Metal Inert Gas) spooled welding 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 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 wire spool ovens

- 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
- Aerospace Machinery Repair and Fabrication

For small shops requiring moisture-free storage of spooled FCAW wire and MIG wire, we offer small capacity bench models capable of storing 33 lb. and 60 lb spools. For bigger shops, we offer large-capacity floor-positioned ovens with cradled shelving for storing a large number of 33 lb. and 60 lb. spools, as well as TIG filler wire in a reinforced door rack.

Storing spooled wire at elevated temperatures prevents moisture contamination in the flux core of FCAW wire, and deters surface contamination in MIG wire that can potentially lead to rusting and other damage. All wire must be stored in dry conditions and kept away from substances that contain hydrogen (oil, grease, dirt).

Please review the following specification sheets and product overviews for more information on KEEN spooled wire MIG, FCAW and TIG ovens.

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 can be found:

- 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 its 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.

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One Year Limited Warranty

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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.

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