



PORTABLE ELECTRODE HOLDING OVENS BENCH ELECTRODE HOLDING OVENS FLOOR ELECTRODE HOLDING OVENS FLUX HOLDING OVENS ELECTRODE & FLUX REBAKE OVENS MIG & TIG HOLDING OVENS NITROGEN PURGE OVENS CUSTOM PREHEAT OVENS

www.keenovens.com

I -888-5 I 2-2870



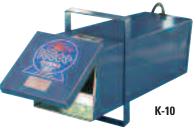
PORTABLE ELECTRODE HOLDING OVENS



At Keen, we offer 5 lb., 15 lb. and 50 lb. capacity portable models. These rugged, lightweight ovens store welding electrodes at ideal temperatures to prevent moisture from being absorbed into the electrode coating.

Be aware that electrode coatings begin to absorb atmospheric moisture as soon as they are removed from factory packaging. If moisture is present in the coating during a weld, hydrogen is introduced which can cause porosity, cracking and worm holes. Take what you need from the shop holding oven, and load up a Keen portable before heading to the field.

All models feature a hard-wired connection point with power cord strain relief.



The K-10, KT-15 and KT-50 feature a square shape for vertical stability, and a tough powder coat finish in Keen blue.

The KT-20SS and KT-50SS are all stainless steel, including interior chamber, rivets and handles.





The K-10, KT-15 and KT-50 feature a unique, dual-voltage wiring that can be used in either a 110/120V or 220/240V setting. The oven adjusts to the voltage automatically when plugged in. No switching or rewiring needed to use the dual-voltage feature.

The KT-15 and KT-50 portable models are standard equipped with an "on" indicating light.

PORTABLE ELECTRODE HOLDING OVENS

(see back cover for voltage & part number) "ON" Indicator Light Model Capacity Interior Dimensions Temperature Range Thermostat K-5 5 lbs. - 14" Rods 2" x 14.75" 275°F max. NO NO 2.3 kg - 35.5 cm Rods 51 cm x 375 cm 135°C max K-10 15 lbs. - 14" Rods 3" x 3" x 14.5" NO NO 275°F max. 6.8 kg - 35.5 cm Rods 7.6 cm x 7.6 cm x 36.8 cm 135°C max. KT-15 15 lbs. 18" Rods 3.3" Dia. x 19" NO YES 275°F max. 6.8 kg - 45.7 cm Rods 8.4 cm Dia. x 48.3 cm 135°C max. KT-15HT 15 lbs. 18" Rods 3" Dia. x 19" 150°F - 550°F YES YES 6.8 kg - 45.7 cm Rods 7.6 cm Dia. x 48.3 cm 65°C - 288°C KT-15R 3.3" Dia. x 19" NO YES 15 lbs. 18" Rods 275°F max. 8.4 cm Dia. x 48.3 cm 6.8 kg - 45.7 cm Rods 135°C max. KT-15W/T 15 lbs. 18" Rods 3.3" Dia. x 19" 100°F - 300°F YES YES 6.8 kg - 45.7 cm Rods 8.4 cm Dia. x 48.3 cm 38°C - 149°C KT-50 50 lbs. - 18" Rods 6" x 6" x 19" 100°F - 300°F YES YES 22.7 kg - 45.7 cm Rods 15.2 cm x 15.2 cm x 48.3 cm 38°C - 149°C 100°F - 300°F KT-20SS 15 lbs. - 18" Rods 3" x 3" x 19" NO NO 6.8 kg - 45.7 cm Rods 7.6 cm x 7.6 cm x 48.3 cm 38°C - 149°C KT-50SS 50 lbs. - 18" Rods 6" x 6" x 19" 100°F - 300°F YES YES 22.7 kg - 45.7 cm Rods 15.2 cm x 15.2 cm x 48.3 cm 38°C - 149°C



KT-50



The K-5 at 3 lbs. is the lightest portable oven on the market.



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BENCH & FLOOR ELECTRODE HOLDING OVENS





Stacked

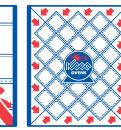
THE KEEN OVEN ADVANTAGE



Competition - Electrode

Blocked Circulation

Competition - Uneven Heat Distribution



Keen Ovens - Ideal, Even Heat Distribution

BENCH ELECTRODE HOLDING OVENS (see back cover for voltage & part number)

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Model	Capacity	Interior Dimensions	Temperature Range	
K-200	200 lbs 18" Rods	19"L x 13"W "L x 13"H	150°F - 300°F	
	90.9 kg - 45.7 cm Rods	48.3 cm x 33.0 cm x 33.0 cm	65°C - 149°C	
K-450	450 lbs 18" Rods	20"L x 19.5" Dia.	150°F - 550°F	
	204.5 kg - 45.7 cm Rods	50.8 cm x 49.5 cm	65°C - 288°C	





Our bench models are designed for the small to medium-sized shop. Too large to be considered portable, yet small and light enough when empty to be picked up by a single person, bench ovens are an economical choice when a large floor oven is not required. The K-200 is our smallest bench oven, capable of storing 200 lbs of welding electrodes at optimum temperature. The K-450 model stores up to 450 lbs, and features an external dial adjustable thermostat. Both models come standard with an "ON" indicating light.

FLOOR	ELECTRODE	HOLDING	OVENS	(see back cover for voltage & part number)
Model	Canacity	Interior D	imensions	Temperature Bange

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K-900	1000 lbs 18" Rods	19"L x 18"W x 36"H	150°F - 550°F
	453.6 kg - 45.7 cm Rods	48.3 cm x 45.7 cm x 91.4 cm	65°C - 288°C
K-1000	1500 lbs 18" Rods	20.5"L x 27"W x 40"H	150°F - 550°F
	680.4 kg - 45.7 cm Rods	52.1 cm x 68.6 cm x 101.6 cm	65°C - 288°C

The K-900 and K-1000 floor models are costeffective storage solutions for the large shop. The K-900 is a 1000 lb. capacity unit and our largest standard model, the K-1000, holds up to 1500 lbs. These ovens are designed to store large amounts of welding electrodes at ideal temperatures. All new models come equipped with a digital programmable controller (not shown) and are available in a variety of voltages and phases. Keen floor models are built with forklift slots for ease of handling around the shop.

At Keen, customization is our specialty. If you would like us to modify our standard ovens to suit an application, just call us. We can build ovens to suit your needs.

FLUX HOLDING OVENS & REBAKE OVENS



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Model	Capacity	Interior Dimensions	Temperature Range				
KF-100A	125 lbs Flux	16" x 12" x 22"	150°F - 300°F				
	56.7 kg - Flux	40.6 cm x 30.5 cm x 55.8 cm	65°C - 149°C				
KF-300	300 lbs Flux	20" x 20" x 24"	150°F - 550°F				
	136.4 kg - Flux	50.8 cm x 50.8 cm x 61.0 cm	66°C - 288°C				
KF-600	600 lbs Flux	20" x 20" x 40" Sloped Bottom	150°F - 550°F				
	272.8 kg - Flux	50.8 cm x 50.8 cm x 101.6 cm	66°C - 288°C				

Our flux holding ovens are designed to store welding flux at ideal temperatures to maintain dryness. Just as welding electrodes and wire need to be protected, the same logic applies to welding flux which also readily absorbs atmospheric moisture. The only way to be truly sure your flux is weld ready is to have it stored at the proper temperatures. Available in hopper-style design with bottom unloading and also stationary floor design, these units are highly insulated and energy efficient.



KF-300

ck cover for volt

KF-600

ELECTE	RODE & FLUX R	EBAKE OVENS	(see back cover for voltage & part number)
Model	Capacity	Interior Dimensions	Temperature Range
KHT-500	475 lbs 18" Rods	18" x 19" x 18"	0°F - 999°F
	215.5 kg - 45.7 cm Rods	45.7 cm x 48.3 cm x 45.7 cn	ר -18°C - 537°C
KHT-900	1000 lbs 18" Rods	21" x 18" x 36"	0°F - 999°F
	453.6 kg - 45.7cm Rods	53.3cm x 45.7 cm x 91.4 cm	-18°C - 537°C
KHTF-600	600 lbs Flux	20" x 20" x 40" Sloped Bottor	m 0°F - 999°F
	272.1 kg - Flux	50.8 cm x 50.8 cm x 101.6 cr	т -18°С - 537°С







KHT-500

Our high-temperature rebake ovens are designed to recondition and rebake welding consumables that have been damaged by harmful moisture exposure. Coatings on welding electrodes rapidly absorb atmospheric moisture once they are removed from factory tins. When moisture-contaminated flux or electrodes are used in the welding process, hydrogen is released into the metal when heat is applied. When the weld cools it can become brittle, crack and/or develop pinholes.

Our rebake ovens are the perfect solution to restore factory-fresh dryness to your consumables in order to improve performance on the job.

Keen flux ovens are hopper-style with bottom-unloading design. Flux is top-loaded and di charged through a slide valve located on the bottom of the unit. Temperature is controlled and displayed by a programmable digital controller (not shown). All flux oven models come standard with an "ON" indicating light. The KF-100A and KF-300 flux ovens are mounted on a movable platform with casters for easy handling.



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PORTABLE

BENCH & FLOOR

FLUX & REBAKE

MIG & TIG HOLDING OVENS

We offer the broadest range of MIG & TIG storage ovens in the welding industry. For small shops we have compact bench-top models like the K-4RS which holds 4 / 33# wire spools, and the K-4RSM which holds up to 4 / 60# wire spools. For the large shop we offer a broad range of options for Mig, Tig and mixed storage ovens such as the industry first K-MPO and the KT-99, originally designed for Boeing. With Keen, your expensive MIG and TIG consumables will always be protected.

MIG & TIG HOLDING OVENS



K-360-36







K-MPO

KT-99

MIG & T	IG HOLDING OVENS	(see back cove	er for voltage & part number
Model	Capacity	Interior Dimensions	Temperature Range
K-4RS	4 - 12" Coils	18" x 18" x 18"	50°F - 250°F
	4 - 30.5 cm Coils	45.7 cm x 45.7 cm x 45.7 cm	10°C - 121°C
K-4RSM	4 - 16" (60 lb.) Coils	24" x 18" x 24"	50°F - 250°F
	4 - 40.6 cm (27.2 kg) Coils	60.96 cm x 45.7 cm x 60.96 cm	10°C - 121°C
K-MPO	600 lbs 18" Rods, up to 6 - 12" Coils, 8 Tubes - 36" Filler Rods in Door Rack, Flat Shelf	27.5" x 19.5" x 40"	150°F - 550°F
	272.7 kg - 45.7 cm Rods, up to 6 - 30.5 cm Coils, 8 Tubes - 91.4 cm Filler Rods in Door Rack, Flat Shelf	69.96 cm x 49.53 cm x 101.6 cm	65.5°C - 288°C
K-360-36	260 lbs 36" Filler Material	38" x 16" x 24"	50°F - 250°F
	118.2 kg - 91.4 cm Filler Material	96.52cm x 45.72 cm x 60.96 cm	10°C - 121°C
KT-99	36" Filler Material on Sliding Shelves, 12 - 12" Coils and/or Powders on Sliding Drawer	37" x 18.25" x 47"	50°F - 250°F
	91.4 cm Filler Material on Sliding Shelves, 12 - 30.5 cm Coils and/or Powders on Sliding Drawer	93.98 cm x 46.35 cm x 119.38 cm	10°C - 121°C
K-1000M&T	8 - 10 lb. Tubes 36" Filler Material, 8 - 12" Coils	20.5" x 27" x 40"	50°F - 250°F
	8 - 4.5 kg Tubes 91.4 cm Filler Material, 8 - 30.5 cm Coils	52.1 cm x 68.6 cm x 101.6 cm	10°C - 121°C
K-1000CS	12 - 60 lb. (16" Dia.) Mig Wire Coils (6 per shelf), 8 - 10 lb. Tubes 36" Tig Filler Rod in Door Rack	19.5" x 27.5" x 40"	50°F - 250°F
	12 - 27.3 kg (40.6 cm Dia.) Mig Wire Coils,	52.1 cm x 69.8 cm x 101.6 cm	10℃ - 121℃

8 - 4.5 kg Tubes (91.4 cm) Tig Filler Rod in Door Rack







At Keen, customization is our specialty. If you would like us to modify our standard ovens to suit an application, just call us. We can build ovens to suit your needs.

NITROGEN PURGE OVENS



Nitrogen is the standard medium for contamination-free storage because it is inert - it neither reacts with stored materials nor carries moisture - and because it can be isolated and purified economically. Because nitrogen has a lower specific gravity than air, when introduced into the oven it immediately purges air that may contain contaminants or moisture. Keen nitrogen purge welding ovens are often used for highly sensitive applications in the nuclear, marine and aerospace industries.

Keen offers an array of oven models equipped with a gas inlet valve to enable the flow of nitrogen gas into the cabinet. Some of the models are standard welding ovens we offer and others are completely custom. If none of the ovens below suit your needs, we can design one that does.



KT-99-NP



POCEN DURCE OVENS





K-4RS-NP

	GEN PURGE OVENS	(see back cover for voltage & part number)		
Model	Capacity	Interior Dimensions	Temperature Range	
K-4RS-NP	4 - 12" Coils	18" x 18" x 18"	50°F - 250°F	
	4 - 30.5 cm Coils	45.7 cm x 45.7 cm x 45.7 cm	10℃ - 121℃	
K-NP	180 lbs. Filler Material - 1 Cradle holds 8 - 12" Wide Coils	20" x 40" x 20"	50°F - 250°F	
	81.8 kg Filler Material - 1 Cradle holds 8 - 30.5cm Wide Coils	50.8 cm x 101.6 cm x 50.8 cm	10℃ - 121℃	
K-360-36-NP	260 lbs 36" Filler Material	38" x 16" x 24"	50°F - 250°F	
	118.2 kg - 91.4 cm Filler Material	96.52 cm x 45.72 cm x 60.96 cm	10°C - 121°C	
KT-99-NP	36" Filler Material on Sliding Shelves,	37" x 18.25" x 47"	50°F - 250°F	
	12 - 12" Coils and/or Powders on Sliding Drawer			
	91.4 cm Filler Material on Sliding Shelves,	93.98 cm x 46.35 cm x 119.38 cm	10°C - 121°C	
	12 - 30.5 cm Coils and/or Powders on Sliding Drawer			
K-1000M&T-	NP 8 - 10 lb. Tubes 36" Filler Material,	20.5" x 27" x 40"	50°F - 250°F	
	8 - 12" Coils			
	8 - 4.5 kg Tubes 91.4 cm Filler Material,	52.1 cm x 68.6 cm x 101.6 cm	10°C - 121°C	
	8 - 30.5 cm Coils			





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CUSTOM PREHEAT OVENS

Keen preheat and postheat ovens are used by many welders and fabricators to heat-treat weldments or metallic parts before welding or installation. Many of the preheat ovens we offer are standard Keen models with slight modifications to the shelving system, insulation, temperature range or size. Following are some common items that customers have preheated in our ovens:

ship bearings • cylinder heads • castings • welded joints • plates • aluminum • carbon steel joints • pumps

Each oven below was custom-manufactured to client specifications.



K-HT9



KTL-16FC









KTL-24

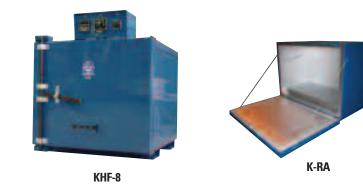
K-TL-FC6





CUSTOM PREHEAT OVENS

Model	Oven Type	Interior Dimensions (in.)	Interior Dimensions (cm)
K-HT9	Front-Loading	30" x 30" x 18"	76.20cm x 76.20cm x 45.72cm
K-RA	Front-Loading	24" x 42" x 24"	60.96cm x 106.68cm x 60.96cm
KHF-8	Front-Loading	24" x 24" x 24"	60.96cm x 60.96cm x 60.96cm
K-PH15	Front-Loading	36" x 24" x 26"	91.44ст х 60.96ст х 66.04ст
KPH-324	Front-Loading	24" x 24" x 30"	60.96cm x 60.96cm x 76.20cm
KTL-24	Top-Loading	24" x 24" x 12"	60.96ст х 60.96ст х 30.48ст
KTL-16FC	Top-Loading	16.5" x 17" x 20"	41.91cm x 43.18cm x 50.8cm
K-TR	Front-Loading	36" x 40" x 44"	91.44cm x 101.60cm x 111.76cm
K-PHB	Front-Loading	18" x 12" x 10"	45.72cm x 30.48cm x 25.4cm
K-1000SB	Front-Loading	25" x 26" x 57.5"	63.5cm x 66.04cm x 146.05cm
K-TL-FC6	Top-Loading	30" x 30" x 12"	76.2 cm x 76.2 cm x 30.48 cm
K-FSU	Front-Loading	20.5" x 21.5" x 40"	52.1 cm x 55.88 cm x 101.6 cm
K-TL-30	Top-Loading	30" x 30" x 30"	76.2 cm x 76.2 cm x 76.2 cm



At Keen, customization is our specialty. If you would like us to modify our standard ovens to suit an application, just call us. We can build ovens to suit your needs.



QUOTE REQUEST FORM

1. Scan or copy this page.

2. Mark the items for which you need pricing.



- 4. Fill out your contact information at the bottom and fax or e-mail to your preferred distributor.
- 5. Established or inquiring dealers may also use this form to fax Keen toll-free at 888-512-2867.

PLEASE QUOTE THE FOLLOWING MARKED ITEMS (

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Please Quot	te: Model	Voltage	Part Number	Page #	Please Quote:	Model	Voltage	Part Number	Page #
	K-5	120V Only	#010114	2		KHT-500	240V	#011603	4
	K-10	Dual Voltage 120V/240V	#010112	2			480V	#011604	4
	KT-15	Dual Voltage 120V/240V	#010101	2			240V 3-Ph	#011606	4
	KT-15HT	Single Voltage Only – 120V or 240V	Call Keen	2			480V 3-Ph	#011605	4
	KT-15W/T	Dual Voltage 120V/240V	#010102	2		KHT-900	240V	#011101	4
	K-15R	120V Only	#010104	2			480V	#011102	4
	KT-50	Dual Voltage 120V/240V	#010201	2			240V 3-Ph	#011107	4
	KT-20SS	Dual Voltage 120V/240V	#010117	2			480V 3-Ph	#011103	4
	KT-50SS	Dual Voltage 120V/240V	#010205	2		KHTF-600	240V	#011501	4
	K-200	120V	#010301	3			480V	#011502	4
		240V	#010303	3			240V 3-Ph	#011513	4
	K-450	120V	#010402	3			480V 3-Ph	#011505	4
		240V	#010401	3		K-4RS	120V	#010503	5
		480V	#010405	3			240V	#010504	5
		240V 3-Phase	#010407	3			480V	#010505	5
		480V 3-Phase	#010404	3		K-4RSM	120V	#010506	5
	K-900	120V	#010601	3			240V	#010502	5
		240V	#010602	3			480V	Call Keen	5
		480V	#010603	3		K-MPO	120V	#010706	5
		240V 3-Phase	#010607	3			240V	#010707	5
		480V 3-Phase	#010604	3			480V	#\010708	5
	K-1000	120V	#010701	3			240V 3-Ph	#010709	5
		240V	#010702	3			480V 3-Ph	#010710	5
		480V	#010705	3		K-360-36	Dual Voltage 120V/240V	#010803	5
		240V 3-Phase	#010726	3			120V	#010802	5
		480V 3-Phase	#010703	3		KT-99	Dual Voltage 120V/240V	#010801	5
	KF-100A	120V	#011305	4		K-1000M&T	Dual Voltage 120V/240V	#010901	5
		240V	#011306	4			120V	Call Keen	5
		480V	#011307	4			240V	Call Keen	5
	KF-300	120V	#011401	4			480V	#010902	5
		240V	#011402	4			240V 3-Ph	Call Keen	5
		480V	#011403	4			480V 3-Ph	#010903	5
		240V 3-Phase	#011406	4		K-1000CS	Dual Voltage 120V/240V	#010714	5
		480V 3-Phase	#011404	4		K-4RS-NP	120V	#010507	6
	KF-600	240V	#011503	4		K-NP	120V	#011602	6
		480V	#011508	4		K-360-36-NP	Dual Voltage 120V/240V	#010805	6
		240V 3-Phase	#011510	4		KT-99-NP	Dual Voltage 120V/240V	#010806	6
		480V 3-Phase	#011505	4		K-1000M&T-N	P Dual Voltage 120V/240V	#010904	6
TO:	Company:			Conta	act Person:				
	Address:			State	:		Zip Code:		
	Telephone:			Fax:			E-Mail:		
FROM:	Company:			Conta	act Person:				
	Address:			State	:		Zip Code:		
	Telephone:			Fax:			E-Mail:		

KEEN OVENS

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