

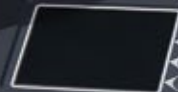
KDF

www.kdfus.com

zircom



KDF



Reach your artistic goals with KDF

Where quality meets reliability





Since our inception in Japan over 40 years ago, KDF has focused on providing value and technical reliability in the field of precise and compact electric furnaces.

We take great pride in the quality of our KDF brand products. This dedication has earned us a leading position in our field, and major market share in Japan. KDF's product line are also highly valued in several overseas markets such as North America, The E.U., and Southeast Asia for their excellent capabilities.

KDF equipment maximizes profitable operation in lab business and minimizes the risk of unit failure.

CASCOM SE

Induction Casting Machine



MAIN CHARACTERISTIC

High-Frequency Induction Heating

- Takes only 2 to 3 min to cast
- Capable of casting Co-Cr alloy at high temp

Vacuum & Pressure Casting

- Does not use flame during melting process and it applies vacuum during casting process so the alloy does not absorb gas, minimizing porosity and creating extremely smooth surface

User-Friendly and Very Simple to Operate



SPECIFICATIONS

Power Requirement	AC 220V - 240V 50/60Hz, Max. 3.5kVA
Dimension	22 (w) x 19 (h) x 19 (d) inches
Weight	85lbs (38.5kg)
Melting	Induction Heating
Casting	Vacuum and Pressure
Pressurized Air	100psi - 145psi
Output Frequency for Induction Heating	30 - 50kHz
Max Melting Capacity	Precious Alloy 120g Non-Precious Alloy 60g
Heating Performance	Within 3min When Melting Co-Cr
Casting Ring Size	Max. Ø90 x 70Hmm Min. Ø34 x 50Hmm
Cooling Method	Chiller (Model Shown Below)



Cascom SE implements high-frequency induction heating that delivers exceptionally rapid casting process, optimizing better workflow efficiency and improving productivity of a lab.



NEO SUPER CASCOM

Ceramic Heater Casting Machine



MAIN CHARACTERISTIC

Precise Temperature Control

- A ceramic heater element that allows technicians to accurately adjust melt temperature by 1°F or C°
- Porosity-free dense castings

Vacuum & Pressure Casting

- Does not use flame during melting process and it applies vacuum during casting process so the alloy does not absorb gas, minimizing porosity and creating extremely smooth surface

Compact Size & Easy to Set Up

- Compact desktop size of 20 x 21 x 20 inches with 109lbs
- No 200V of electricity
- No water line



SPECIFICATIONS

Power Requirement	Single Phase 120V 50/60Hz Max. 1.5kVA
Vac Pump Outlet	Single Phase 120V 0.3kVA
Pressurized Air	0.75MPa – 1.0MPa (110psi – 146psi)
Dimension	20 (w) x 21 (h) x 20 (d) inches
Weight	109lbs (49kg)
Melting	Ceramic Heating
Casting	Vacuum and Pressure
Max Temperature	1,530°C (2,786°F)
Max Melting Capacity	Precious Alloy 150g Non-Precious Alloy 45g
Casting Ring Size	Ø43mm, Ø60mm, Ø76mm, Ø90mm



KDF believes precise temperature control is the solution to porosity caused by overheating



MAIN CHARACTERISTIC

Compact and user friendly Zircom is designed to sinter a variety of zirconia materials. The unit can process in various ways including normal and quick firing.

This programmable sintering furnace allows you to put 100 programs with 20 steps each. The unit has the capability to sinter 75 units simultaneously by three stackable trays.

ZIRCOM

Sintering Furnace



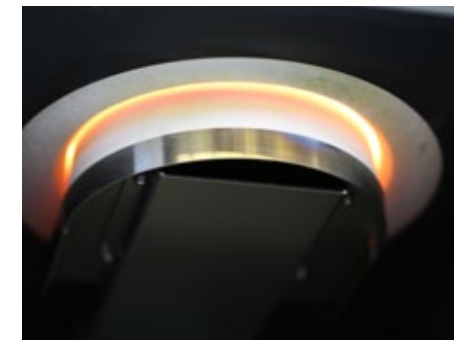
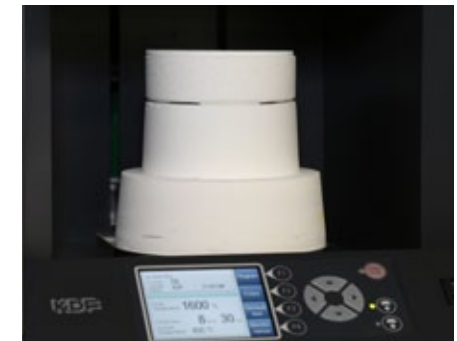


Zircom

Zircom delivers essential qualities of beauty

SPECIFICATIONS

Power Requirement	AC 220V, 50/60Hz, Max. 2.5kVA
Dimension	12(w) x 25(h) x 18(d) inches
Display	3.5inch LCD Color Display
Heating Elements	Molybdenum Disilicide
Firing Platform	Ø95mm (3.74 inch)
Tray	3 Stackable Trays (25 units each)
Weight	64lbs (29kg)
Max Temperature	1,600°C (2,912°F)
Programs	100 (20 Steps)
SD Card Slot	Software Update Program Back Up



SPECIFICATIONS

Power Requirement	120V 50/60Hz Max. 1.2kw
Vac Pump Outlet	Single Phase 120V 0.3kVA
Dimension	12(w) x 13(h) x 17(d) inches
Muffle Dimension	4.7 (w) x 4.3(h) x 8.7(d) inches
Weight	40lbs (18kg)
Programs	10
Max Temperature	1,100°C (2,012°F)
Stages	3 Firing Stages
Casting Ring Size	Max. Ø90mm x 2 Min. Ø30mm x 35

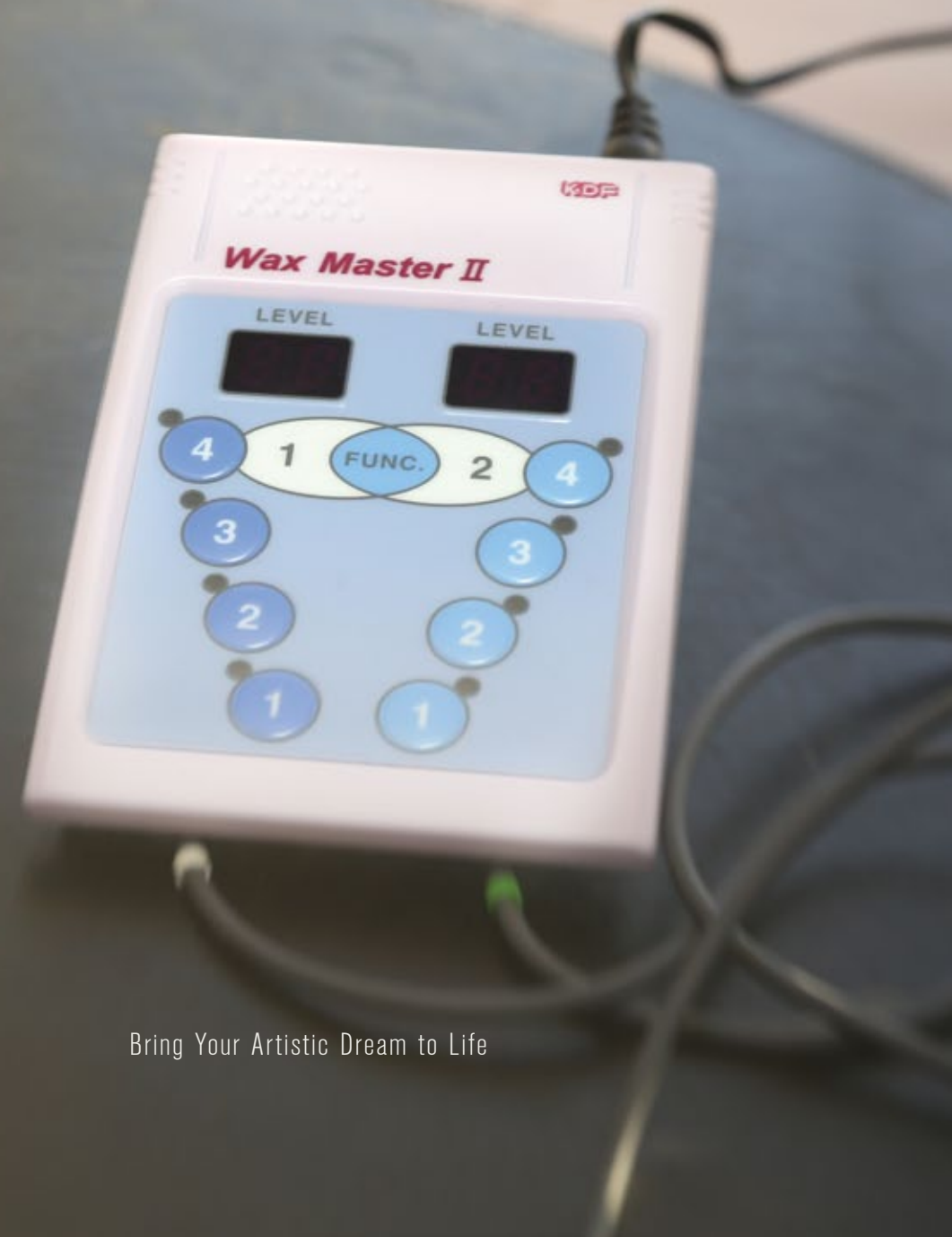
007-Plus BURNOUT FURNACE



007-Plus Features High Quality of Heat Efficiency and Air Tightness

WAX MASTER II

WAXER



Bring Your Artistic Dream to Life

SPECIFICATIONS

Power Requirement	Input: AC100-AC240V±10% 50/60Hz Output: DC12V 1.5A
Dimension	3.18 (w) x 0.82(h) x 4.72(d) inches
Muffle Dimension	4.7 (w) x 4.3(h) x 8.7(d) inches
Weight	Controller: 0.16lbs (74g) Wax Grip: 0.06lbs (31g) AC Adapter: 0.41lbs (190g)
Temperature Set	4 Courses
Wax Grips	2 Grips
Max Temperature	300°C (572°F)
Temp Set Range	From Room Temp Up To 300°C (572°F)
Power Consumption	18W (max)
Tips	Image Below, From Left to Right: PKT-S PKT-L WAX SPATULA SPOON EVANS



What KDF Users Say

“The KDF Super Cascom has been a great addition to our laboratory mainly due to its compact size and ease of operation. We cast everything from high nobel gold to chrome cobalt and eliminating the inconsistency of torch casting and no metal waste has saved both time and money.”

- SCOTT ALVAREZ, Qualident Dental Lab

“Neo Super Cascom provides the dental technician with the ability to produce high quality castings with a variety of materials, in an automated fashion.”

- DOMENICO CASCIONE, OPERART LLC Dental Laboratory

“ My KDF casting machine, Neo Super Cascom is the best. I could not work without it!”

- AKINOBU OGATA, Atelier Ogata

“The Neo Super Cascom is a piece of essential equipment in my lab because of consistency of casting, efficiency of laboratory operation, and cost-effectiveness.”

- JUNGO ENDO, Jungo Endo Dental Studio

“The Neo Super Cascom has made my work so much easier and predictable with accurate fits and dense and porous free frames. It is such a pleasure and trouble free to layer frames works now!”

- AL HODGES, Highland Dental Arts

“As a prosthodontist we do many larger cases. The quality, consistency and cleanliness of the castings have improved dramatically since we started using Neo Super Cascom. The programing feature is a huge timesaver. I highly recommend this machine to any laboratory interested in producing high quality metal frames.”

- RAMIN MAHALLATI, DDS, Center for Implant & Esthetic Dentistry

“After using KDF's Neo Super Cascom I have not looked back. It's giving me consistent dense castings over and over again with little to no miscasting. It would be hard for me to work without it.”

- JOSHUA POLANSKY, Niche Dental Studio

Endless artistic possibilities



KDF

www.kdfus.com

Our manufacturing is authentically made in Japan

KDF U.S., Inc.

2301 W. 205th St., Ste 107, Torrance, CA 90501

Tel: 310 320 6633 | Fax: 310 320 6116