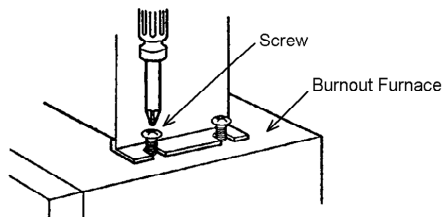


# Installation

## ■ Prior to installation

- Be certain that a gas outlet is placed on the top of burnout furnace.

1 When you install this equipment on KDF-007EX and 008EX and 007Plus, use the screws (accessory) to fix on the burnout furnace.



2 Connect the power cord of this equipment with the power outlet on the back side of burnout furnace.

## Causes of malfunction and trouble shooting

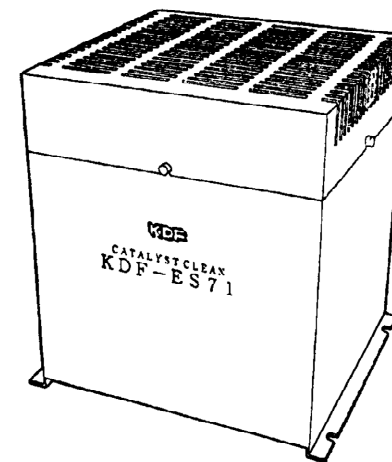
Malfunction	Trouble Shooting
Cleaner fuse on the back of burnout furnace is brokedown.	Replacement with a fuse of the same rate is required.
Platinum catalyst is of no effect.	1. Take off 6pcs screws to remove the stainless steel cover. 2. Take off 4pcs of metal screws that fix the catalyst to replace the old catalyst.
Breakdown of heating element.	Repair is recommended.

## Specifications

Dimensions. Weight	246mm(W) × 261mm(H) × 226mm(D) 6.1kg
Power Requirement	KDF-ES71 AC120V 50/60Hz 300VA KDF-ES72 AC220-240V 50/60Hz 300VA
Method	Oxidation reaction by platinum catalysis to deodorize.
Capacity	1125cm <sup>3</sup>
Environment for usage	Room temperature : 10°C to 40°C Humidity : 30% to 90% noncondensing

PLATINUM CATALYSIS CLEANER KDF-ES71/KDF-ES72

## INSTRUCTION MANUAL



DENKEN-HIGHDENTAL Co.,Ltd.

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TEL : 81-75-672-2124 E-mail : info@denken-highdental.co.jp

# Safety Precautions

Please read operation manual for correct usage of this piece of equipment prior to installation. An error in usage may cause a hazardous condition and injury, fire, or loss.



Keep this manual in an easily accessible place for reference

Please pay close attention to the following symbols in this manual. Failure to observe these symbols may cause a possible machine malfunction as described below.

## ⚠ WARNING

Casualties & Damage Loss

## ⚠ CAUTION

Injuries & Damage Loss

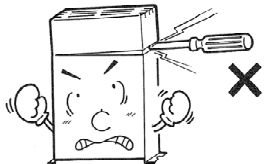


Bad effect on firing treatments or impediment to equipment

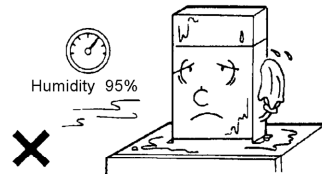
# For Safe Operation Procedures

## ⚠ WARNING : Casualties & Damage Loss

Do not open the machine for any reason.



Do not allow water to come in contact with the machine. Place the machine in a dust-free and moisture-free environment.

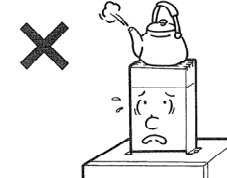


## ⚠ CAUTION : Injuries & Damage Loss

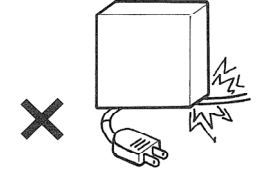
Check the machine prior to operation to assure normal operation.



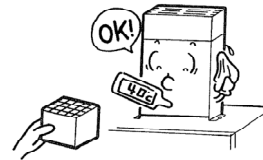
Use of this equipment for reasons other than the original purpose is not recommended.



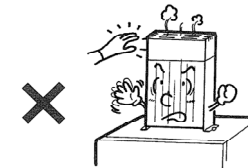
Do not allow the power cord to become obstructed or bent in any way.



Catalyst is recommended to be replaced when the heat is less 40°C



Do not come in contact with the equipment for some hours while in use or after use.



Use of any flammable material near this equipment is not recommended.



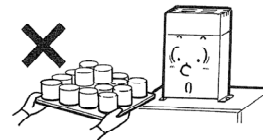
Do not install this equipment on the furnace of different purpose. (hazardous!)

• Furnace models for an exclusive use in pairs.

KDF-ES71	007Plus (120V)、007EX (110V)、007EX (120V)
KDF-ES72	007Plus (220V)、007EX (220V)、008EX



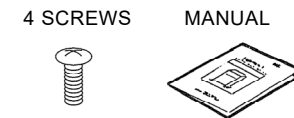
Heat treatment of more than 2pcs ring molds of  $\phi 90$  in quick mode is not recommendable.



Use of silicone wax separating liquid is not recommendable to avoid insufficient effect of the equipment.



Please be sure the standard accessories are arranged in order.



# Features

1. This equipment dissolves the harmful gases such as ammonia, carbon monoxide and hydrochloride coming out of the burning dental investments of phosphate and gypsum bonding investing material and also disperses nasty smells of burning wax.
2. Platinum is used for catalysis and the equipment is excellent in durability.
3. The heating element is built in a system so that it will not come in contact with the generating gases to avoid heater breakdown.
4. A larger sized platinum catalyst is used for an effective burnout of ring molds in quantities.