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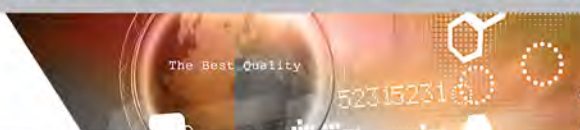
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## ■ ■ ■ **Message from the CEO**

Rapid progress of humankind in the last century thanks to his prominent ambition and perseverance and his production oriented thinking is the origin of all of these achievements. Production is a rampageous word and human language cannot describe this profound word. In the field of production and industry, always there are men who have ambition and tolerate its difficulties and make sacrifices in their way to sever human beings. In our dear country, Iran, production in Health industry is relatively new and because of its direct connection to society's health, working in this field has become hard and sensitive.

Dental industries have a key role in oral and dental health and are considered important part of society's health. The importance of this position is a way that performing all stages of diagnosis and treatment in dentistry and other related fields without advanced and high quality equipment and materials which have been offered by researchers and artisans, will not be possible.

The history of dental industry in Iran goes back to 1980s, when with efforts of industry veterans and professors from Tehran University and Shahid Beheshti Dental School, innovators, researchers, industry veterans and even small industries were invited to work in this field. Today, committed researchers, innovators, and manufacturers are active throughout the country and more than fifty factories and plants are operating and manufacturing dental materials and equipment. In the present time, honest and committed manufacturers are obligated to providing almost seventy percent of necessary equipment in the country and they do this task with hardship.

Meanwhile, KoushaFan Pars as a prominent member of

dental and dentistry industry, by localizing of science and technology, is pursuing the hard task of meeting all of the demands of the of the dentists and dental technologists society. In this path, we have been able to manufacture 24 types of worldwide quality products in an area of 6000 square meters. Attention to quality and customer satisfaction has been one of our main goals and today, after 25 years of working in this industry, valorizing these rules have resulted in vast enthusiasm from the international market and export to 25 countries. Valuing the concept of constant research and development and making it feasible is one of the main pillars of KoushaFan Pars.

I consider it my duty to earnestly thank all personnels and coworkers who constitute this group. Because their efforts which lead to overcoming problems and progressing the group. Therefore, the company was able to obtain title of "the first knowledge-based company" in in the Iranian industry of dental technology from the Deputy President and Ministry of Science Technology and Medical Education in the summer of 2014.

We would like to thank you and offer our appreciation to you, the addressees who have been alongside us and helped to meet our goals. We are sure that with hard work of the group and your support, we will contribute to honor and pride of our nation.

I finish with a beautiful prayer of Mohammad (Peace be upon him): (God) Give us the gift of vitality and diligence and protect us from lethargy, laziness, incompetence, making excuse, loss, dejection and weariness.

**Majid Rouhi**





**KOUSHAFAN PARS Profile**



## ■ ■ ■ Biography and Activity

In today's transformative world, all the evidence suggests a central role of humans and human resources in the creation and production of different advanced technologies. In fact, infrastructure and driving force of any organization is the science entrepreneurship of the human expert which adds to value over time. The twenty-first century is the century of information technology. In information and postindustrial era, we should use human thoughts as the national and fundamental wealth in order to achieve technical and economical progress. So we should consider thinking as the source of value creation, mobility, development and progress of a society.

Resource constraints have necessitated the need to scientifically thinking and production-based work to be considered as the module to gain maximum added value. In this regard, if scientifically thinking is considered a perdurable principle, then available resources can be utilized simultaneously with the help of thinking, science and the adoption of key guidelines to achieve sustainable and comprehensive development.

KoushaFan Pars Company with the aim of serving to the health system was established in 1994 and entered to the dental community. This company started its activities in the field of manufacturing dental and dentistry equipment, supplying material and required dental equipment.

KoushaFan pars is the largest manufacturer of dental and dentistry equipment in Iran and Middle East. It is operating by investing in research and development with the aim of developing technology in designing and manufacturing related equipment with dental and dentistry. More than two decades of effective and continuous activities, due to the scientific management and cooperation of local experts led to manufacturing products with highest quality and competitive price in comparison to other aligned brands in the world which are used by consumers.

Being technology oriented and following the latest science and technology of the world is because of the close relationship of this company with universities, domestic and foreign research centers. The consequence of this activity can be found and touched clearly in the variety and quality of KFP's products.

KoushaFan Pars with a firm belief in research and development has been able to produce 24 products (10 knowledge based products) with five international standards of ISO 9001, ISO 1002, ISO 1004, CE, sign of Guarantee Award as well as national standard. It also obtained the title of the first knowledge-based company in the dental industry.

Our presence in the many scientific meetings and gatherings and upholding them in the past and present has been an important step in creating union culture, synergy, and communion in the solidarity of dental and dentistry's big family. Also, participating in specialized exhibitions in Germany, U.A.E and other countries has been a great honor for Islamic Republic of Iran in this field of industry.

Today, the structure of our group is based on interacting with the customer, understanding the needs and fulfillment of their wishes which is in fact the satisfaction smile on their faces is of management and personnel's inspiration and encouragement in reaching the great goals of the organization. We hope that with the efforts and support of dental community, universities, scientific centers and etc. , we will be able to overcome flaws and shortages. Therefore, with hope of bright tomorrow, we will always be supportive of our customers.





## ■ ■ ■ Goals and Plans

- Developing the technology in construction of dental and dentistry equipment
- Utilizing the latest scientific technologies in the world of manufacturing
- Gaining global market share among famous brands in the world
- Coherent relationship with professors, scientific centers and universities inside and outside of the country.
- Holding various educational courses in order to ameliorate the scientific and technical level of dentists and dental technicians community
- Entrepreneurship and recruitment of young graduated work force from universities and training specialists for improving the productivity of labor and production
- Exports of productive equipment to other countries
- High level of customer satisfaction and constructive engagement with them

## ■ ■ ■ Company's Perspective

- Getting ranked among the world's top 10 brands in the dental and dentistry industry
- Obviating all hardware and software needs in the manufacturing of dental prosthesis
- Designing and producing high tech equipment domestically
- Exporting technical science in dental and dentistry equipment field to other countries
- Presenting and supporting the simplifying solutions and increasing the speeding and quality in the new dental industry

## ■ ■ ■ Quality Policy

KoushaFan Pars engineering company is considered the most experienced and reliable designer and manufacturer of dental and dentistry equipment in Iran and a for foreign products. Products of this company are manufactured and offered in accordance to ISO 9001, ISO 1002, ISO 1004, CE and the medal of Guarantee Award as well as the national standard numbered 4232. The maintenance and improvement of the current state and constant improvement of processes is considered for all of the KoushaFan Pars Company's activities.

KoushaFan Pars' intention is to constantly educate and increase motivation of personnel, determine requirements, maintain communication and use opinions and suggestion of the customers. Also create, keep and improve the quality management system of ISO 9001:2008, in order to reach these goals:

- Product quality improvement
- Constant improvement of processes performance
- Increasing customer satisfaction
- Development of after sales service and offering educational services to customers





## Departments

### Factory

Company's factory is located in an area of 6,000 square meters in the 35th km of Tehran-Qom Highway (Khalij-e Fars) and include research and development, electronics, mechanics, welding and final polishing, paint and painting, assembly, quality control, logistics and support, storehouse and a separate office complex (in three floors). Company products in factory site are manufactured with the help of latest, modern and upgraded devices and with the cooperation of more than 100 professional, technical and experienced personnels.



▲ Eng. Saeed Rouhi, Chairman of the Board of Directors







▲ Machining and Welding Unit



▲ Mechanics Assembly Unit

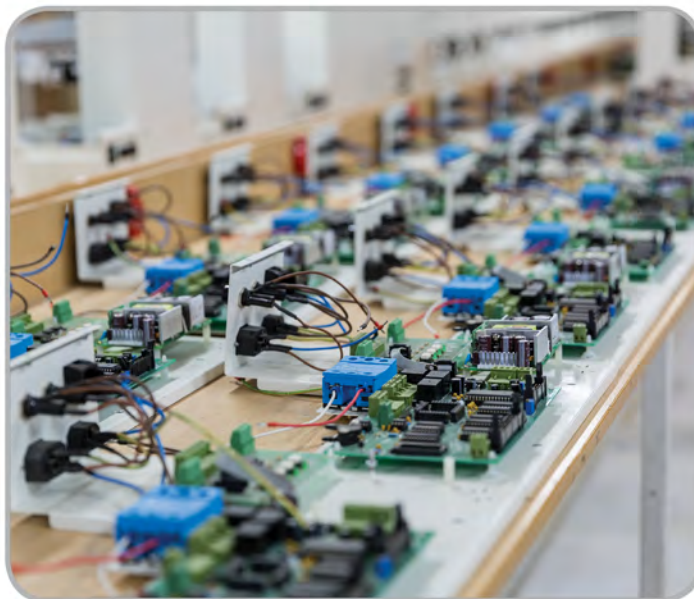


▲ Machining and Welding Unit





▲ Electronics Assembly Unit



▲ Electronics Assembly Unit



▲ Electronics Assembly Unit





▲ Quality Control Unit

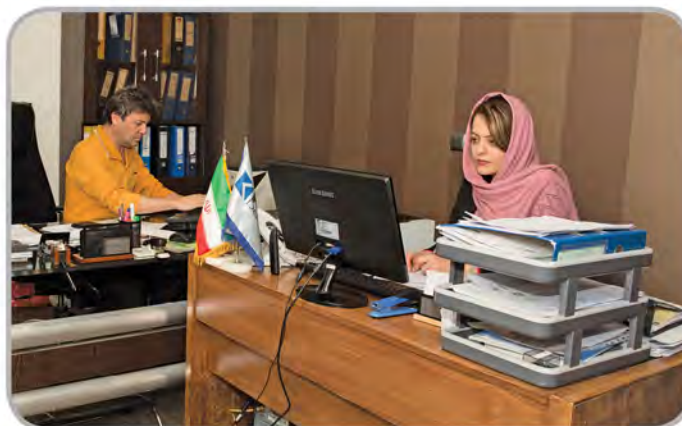




## Commercial Department

### ■ Exports

KoushaFan Pars in addition to supply local needs, has been able to export its products to different countries such as Persian gulf countries, Australia, Sweden, New Zealand, UK, India, Pakistan, Turkey, Egypt, UAE, Bahrain, Yemen, Syria, Armenia, Turkmenistan, Azerbaijan and Central Asian countries.



### ■ Imports

In order to supply the commodity basket of dental equipment and materials, Koushafan Pars has put the procurement of high-tech equipment and materials from outside of Iran in its agenda. KoushaFan Pars is the exclusive agent of credible international companies such as Germany's VITA, imes-icore, WHITEPEACS and DFS, Denmark's 3 Shape USA's CMP, South Korea's DOF, MicroNX and Win-us, Brazil's Bio Art, Italy's OMEC and Dental farm, Spain's Mestra, Argentina's Deflex, Italy's Mariotti, and several other credible companies and has been able to form the biggest commodity basket in Iran's dental and dentistry society. Close scientific and educational cooperation between the mentioned companies has led to the fact that KoushaFan Pars Company to be considered as the best supplier in qualitative and quantitative aspects across the scientific centers and be the supplier for dental centers and a great part of active laboratories in Iran.

**VITA**

imes-icore

3shape

**DOF**  
 DEGREE OF FREEDOM



## Research and Development Department

By recruiting academic elite, the research and development department has become a dynamic center to produce science and technology. The result of persuasive efforts of this team has been the addition of six high tech products since 2 years ago. This fast growth has been the main reason for obtaining permanent research and development license numbered 55592 A / 01 from the Ministry of Mining Industry and Trade with annual budget allocation, Research and development deputy has been established.

Constant Monitoring of functional quality and systemic technology is on the permanent agenda of this deputy has made the permanent research and development possible. The result of this view is the activity of production Line for 24 products and their constant updating. Also, procurement of scientific documents such as publishing scientific papers in international journals, patenting new achievements and etc have been among the main activities of this department.





## Training Department

KoushaFan Pars Training center is equipped with theoretical and practical systems, training workshops and audio visual systems and it is located in a 170 square meter space. In this training scientific center; by observing standards and basic rules, the theoretical and practical training semesters with topics related to dental sciences are held; this is an exclusive matter and the center is ready to serve the national dental community.

This department has equipped with advanced educational facilities and equipment including an amphitheater, a dental laboratory, and a dentist clinic which results in an elegant environment with a unique academic atmosphere in national dental community.

Training Department with the cooperation of faculty members and also foreign and domestic well educated personnels offers introduction courses for all services and equipment and also proceeds to hold training tours outside the country for its customers.

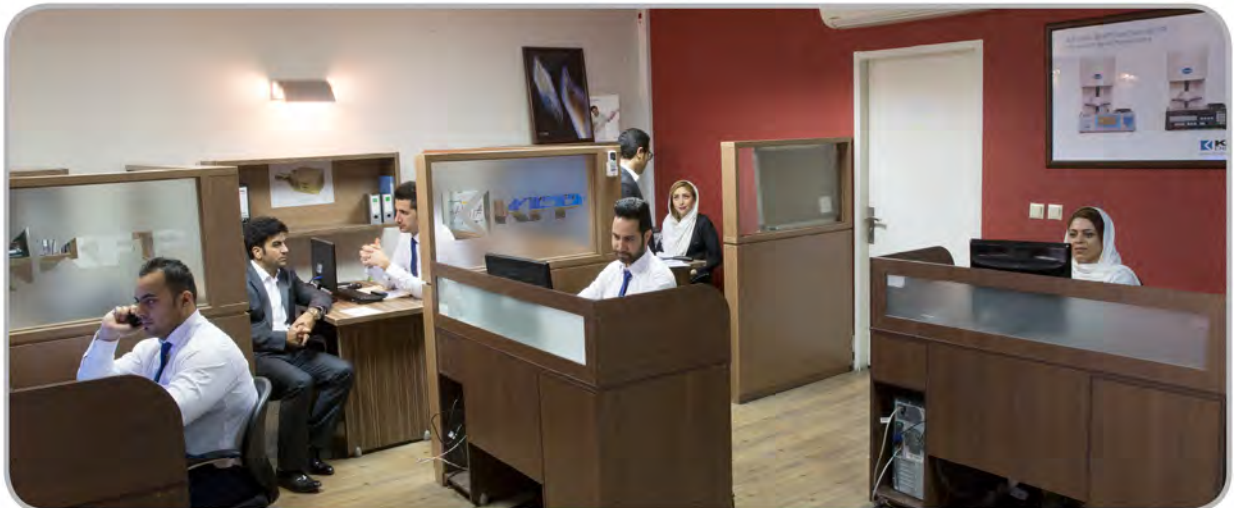




## Sales Department

Sales department follows these goals in the context of stability and improvement of quality and responsiveness to customers via recruiting and training elected and qualified personnel:

- Honesty, commitment and respect for customer
- Offering the best solutions in order to resolve customer needs
- Permanent market research and evaluation
- Create and developing dealership in foreign countries.
- Utilizing modern methods of marketing
- Registering and following up every request and proper and timely notification for the customer
- Transferring all of the suggestions and criticisms to senior managers
- Learning, innovation and development of coworkers' knowledge





### After Sales Department

All imported and manufactured products of the company have one year warranty and 10 years after sales services.

In the area of after sales services, Customer Orientation and Voice Of Customer have priority in the company's policies and the company considers sales a commitment to customer and always put itself in the shoes of customer and has been trying to gain customer satisfaction via manufacturing high-quality and high-grade products, suitable prices, annual and Semiannual education visiting different parts of Iran, timely spare parts procurement to universities and dental centers. By integrated managing and of experienced technical team, after-sales services organization has been developing in all IRI provinces and neighbors countries.



### Showroom

The Show Room area is 120 square meter. it is located at the first floor of the company's central office. In the years 2011/2012, in order to present the latest version of manufactured products and launch the latest accomplishments of the research and development department, this place was established with the title of KFP Show Room. KoushaFan Pars Show Room welcomes dear customers every day from 8:30 to 17.















**Executive Background**

**KOUSHAFAN PARS** Profile



## Executive Background

In addition to meeting the needs of dental laboratories across the country, KoushaFan Pars has put outfitting educational and university centers on its work agendum and this company has previously outfitted 30 faculties of dentistry

■ Tehran faculty of dentistry/2008,2009	■ Babol faculty of dentistry/2013
■ Tehran Islamic Azad faculty of dentistry/2008-2012	■ Yasuj faculty of dentistry/2013
■ Hamedan faculty of dentistry/2008	■ Oroomia faculty of dentistry/2013
■ NEZAJA health and treatment office/2008	■ Abadan international faculty of dentistry/2013
■ Fadaian Islam specialized polyclinic /2008	■ Birjand faculty of dentistry/2013
■ Shahid Beheshti faculty of dentistry/2009-2012	■ Ahvaz faculty of dentistry/2013
■ Shahid Beheshti faculty of dentistry, International branch/2009	■ Borojerd faculty of dentistry/2014
■ Qazvin faculty of dentistry/2010	■ Bojnood faculty of dentistry/2014
■ Kish faculty of dentistry, (International branch of Tehran faculty of dentistry) /2010	■ Sabzevar faculty of dentistry/2014
■ IRI Army faculty of dentistry/2010-2014	■ Tabriz faculty of dentistry/ 2014
■ Zahedan faculty of dentistry, Chabahar branch/2010-2012	■ Lorestan faculty of dentistry/ 2014
■ Isfahan faculty of dentistry/2012	■ Khorasan shomali faculty of dentistry/ 93
■ Golestan faculty of dentistry/2012	■ Ilam faculty of dentistry 2014
■ Shiraz faculty of dentistry/2012	■ Alborz faculty of dentistry 2014
■ Mashad faculty of dentistry/2012	■ Hormozgan faculty of dentistry/ 2014
■ Yazd faculty of dentistry/2012	■ Tehran University/2010
■ Bushehr faculty of dentistry/2013	■ Azad University/2012
■ Mazandaran faculty of dentistry/2013	■ Bushehr University/2013
■ Zanjan faculty of dentistry/2013	■ Gilan University/2013
■ Sanandaj faculty of dentistry/2013	■ Golestan University/2012
■ Gilan faculty of dentistry/2013	■ Babol University/2014
■ Tohid dentistry education center/2012	■ Tohid dentistry education center/2013
■ Qom faculty of dentistry/2012, 2013	■ Yazd University/2012
■ Pardis Bam faculty of dentistry/2012,2013	■ Mashad University/2012
	■ Shahid Beheshti University/2014

## Tehran University/2008





**Azad University/2012**



**Bushehr University/2013**



**Gilan University/2013**





**Golestan University/2012****Babol University/2014****Tohid dentistry  
education center/2013**



**Yazd University/2012**



**Mashad University/2012**



**Shahid Beheshti  
University/2014**











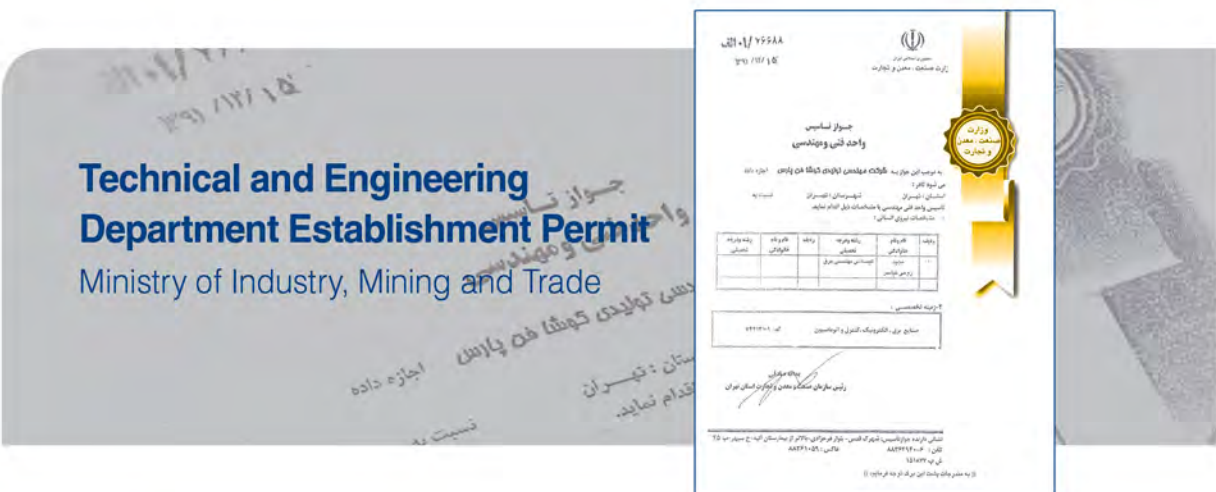
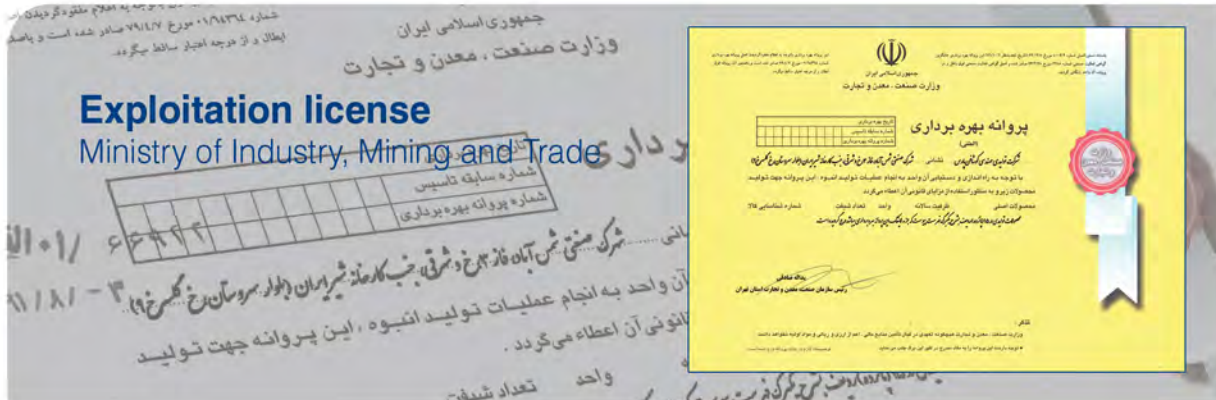
The Best Quality

## Certifications and Standards

**KOUSHAFAN PARS** Profile



Ministry of Industry and Mine Certifications





## ■ ■ ■ National and International Standards



IRAN STANDARD ISIRI 4232



ISO/TS 9001: 2008



CE

Certificate of Factory Production Control



ISO/TS 10002: 2004

Customer Satisfaction and Guidelines Complaints Handling in Organizations



ISO/TS 10004: 2010

Customer Satisfaction, Monitoring & Measuring



Guarantee Award





Patents



## Full Automatic Dental Porcelain Furnace Auto Therm 100 VPF



## Dental Simulation Work Bench



## Induction Casting Machine





## **Products/Dental Furnaces**

**KOUSHAFAN PARS** Profile



## Auto Therm 100 VPF

# Auto Therm 100 VPF

Fully Automatic Porcelain Furnace



Auto Therm 100 VPF is one of the popular products of KoushaFan Pars Company. This device is used for firing porcelain powder and also for oxidation of different alloys in vacuum up to 1200 °C. This device can be definable and executable up to 100 different programs for firing.

### Features

- 100 definable firing programs for variety of porcelain powders and oxidation different types of alloys
- Modify parameters during program execution (for all remaining stages of firing program)
- Programmable vacuum end for each time and temperature
- Use vacuum pump to start working at different temperatures
- Containing NIGHT-IDLE-DRY sub-programs to save time and improve product life
- Smart alert system to warn software/ hardware fault
- Advanced processing system for automatic programs control
- Precise temperature sensor (Radium-Platinum Thermocouple)
- Spiral muffle covered by Quartz heater to create & distribute heat uniformly
- High quality oil-less vacuum pump
- Error warning system during entering incorrect values for temperature, time and vacuum level

- Using vertical lift to move smoothly to achieve a minimum amount of noise and vibration

### Technical Data

Dimensions: 39 cm width × 37 cm depth × 54 cm height.
Maximum temperature: 1200°C (2200° F)
Net weight: 21.5 Kg
Maximum power consumption: 1600 W
Power supply: 210-240 Volts AC- 50/60 Hz
Equipped with a vacuum pump with a power of 200 Watts and compatible with 220 Volts AC power with vacuum creation capability up to 985 mBar

## Auto Therm 300 VPF

**Auto Therm 300**  
Fully Automatic Porcelain Furnace



Auto Therm 300 is one of the most popular product of KoushaFan Pars Company. This device is used for firing porcelain powder and also for oxidation of different alloys in vacuum up to 1200 °C. This device is programmable and can perform up to 300 different programs for firing.

### Features

- 200 defined firing programs for all available ceramics & alloys in the market and the ability to define 100 new programs
- Bilingual Help program in English & Farsi
- Automatic stand by program activated in non-working time
- Pre-vacuum program for reducing ceramics thermal shock
- Fast cooling program for saving time
- NIGHT-IDLE-DRY sub-programs to initial set up, save time and improve product life time
- Precise temperature sensor (Radium-Platinum Thermocouple)
- Advanced processing system for automatic programs control
- Graphical and Digital LCD to display process information
- Spiral muffle covered by Quartz heater to create & distribute heat uniformly
- High quality oil-less vacuum pump
- Automatic thermal and vacuum calibration program
- Audio signals at the beginning and end of the program
- Error warning system during entering incorrect values for temperature, time and vacuum level
- Intelligent alarm system to warn software/hardware error
- High accuracy in performance at low and high temperature
- Using vertical lift to move smoothly to achieve a minimum amount of noise and vibration

### Technical Data

Dimensions: 37 cm width × 39 cm depth × 54 cm height.

Maximum temperature: 1200°C (2200° F)

Net weight: 21.5 Kg

Maximum power consumption: 1600 W

Power supply: 210-240 Volts- 60/50 Hz

Equipped with a vacuum pump with a power of 200 W and compatible with 220 V AC power with vacuum creation capability up to 985 mBar



## Auto Therm 300P VPF

**Auto Therm 300P**  
Fully Automatic Press & Porcelain Furnace



Years of efforts by the R&D, technical and engineering teams at KoushaFan Pars has led to design and manufacture of one of the most important dental laboratories devices. AT 300P VPF press and porcelain furnace performs pressing (injecting) all-ceramic frames in addition to the capabilities of AT 100 and AT 300. Application of this product is full automatic and this device is compatible with all the commercially available press ingots.

### Features

- Equipped with the latest applicable technology for all the commercially available press ingots with porcelain firing capability in vacuum and atmosphere
- 200 defined firing programs for all available ceramics & alloys in the market and the ability to define 100 new programs
- Equipped with the capability of defining multiple firing programs (including crystal firing)
- Bilingual Help program in English & Farsi
- Automatic stand by program activated in non-working time
- Pre-vacuum program for reducing ceramics thermal shock
- Fast cooling program for saving time
- NIGHT-IDLE-DRY sub-programs to initial set up, save time and improve product life time
- Precise temperature sensor (Radium-Platinum Thermocouple)
- Advanced processing system for automatic programs control
- Graphical and Digital LCD to display process information
- Spiral muffle covered by Quartz heater to create & distribute heat uniformly
- High quality oil-less vacuum pump
- Automatic thermal and vacuum calibration program

- Audio signals at the beginning and end of the program
- Error warning system during entering incorrect values for temperature, time and vacuum level
- Intelligent alarm system to warn software/hardware error
- High accuracy in performance at low and high temperature
- Using vertical lift to move smoothly to achieve a minimum amount of noise and vibration

### Technical Data

Dimensions: 37 cm width × 39 cm depth × 69 cm height.

Maximum temperature: 1200°C (2200° F)

Net weight: 26 Kg

Maximum power consumption: 1600 W

Power supply: 210-240 Volts - 60/50 Hz

Equipped with a vacuum pump with a power of 200 W and compatible with 220 V AC power with vacuum creation capability up to 985 mBar

## Auto Sinter 1650L



**Auto Sinter 1650L**  
Zirconia Sintering Furnace

Auto Sinter 1650L is a new achievement in zirconia sintering with special application in dentistry to sinter zirconia frame blocks or blanks which are milled by CAD/CAM systems.

### Features

- Equipped with six MoSi<sub>2</sub> thermal elements in order to create and distribute steady heat
- Sintering different all ceramic prosthesis based on commercially available Zirconia
- Capable of programming to define the start and the finish time daily and weekly
- Bilingual Help program in English & Farsi
- Precise temperature sensor (Radium - Platinum Thermocouple type B)
- Advanced processing system for automatic programs control
- Graphical and Digital LCD to display process information
- Intelligent alarm system to warn software/hardware errors
- Using vertical lift to move smoothly to achieve a minimum amount of noise and vibration
- Durable Parts (because of selection of parts to function at 1800 ° C)
- Quick installation, ease of operation & Easy to use
- High functional precision

### Technical Data

Dimensions: 50 cm width x 60 cm depth x 81 cm height
Frame capacity in each stage: 60 units
Net weight: 75 kg
Maximum temperature: 1650 ° C
Power supply: 210-240 Volts 60/50 Hz
Temperature increase (functional speed): variable between 1 and 30 ° C per minute
Maximum power consumption: 3100 W
Operating voltage: 210-240 V AC -50/60 Hz



## Sunny Therm - 1



The application of this product is to pre-warm and prepare casting cylinders for alloy frames of chrome-cobalt and porcelain. Also, this furnace is used in pre-warming partial frame casting cylinders.

### Features

- Performing heating and dewaxing for chrome cobalt, nickel, chromium prosthesis cylinders and other precious and non-precious alloys
- Containing 10 functional programs to change all parameters
- Programmable temperature with three distinct stages (time, temperature and temperature increase rate)
- Ideal case with high capacity for setting 4 cylinders with weight of 180 g
- Weekly schedule (100 hours)
- LCD for displaying all parameters
- Microcontroller for precise & real-time control
- Intelligent alarm system to warn software/hardware errors
- Precise thermal sensor (thermocouple type K)
- Quick installation & ease of operation
- Using the best ceramic fiber thermal insulators
- Using the best thermal elements with high durability

### Technical Data

Dimensions: 38 cm width x 38 cm depth x 48 cm height
Chamber Dimensions: 16 cm width x 16 cm depth x 10 cm height
Chamber capacity: 4 cylinders
Maximum temperature: 1150 ° C (2100 ° F)
Maximum power consumption: 1800W
Weight: 25 kg
Power supply: 210-240 V AC -50/60 Hz

## Sunny Therm – 2

# Sunny Therm-2



The application of this product is to pre-warm and prepare casting cylinders for alloy frames of chrome-cobalt and porcelain. Also, this furnace is used in pre-warming partial frame casting cylinders. The only difference between Sunny Therm 1 & 2 is the chamber capacity. (Sunny Therm – 1 capacity is 7 liters and Sunny Therm-2 capacity is 9 liters).

### Features

- Performing heating and dewaxing for chrome cobalt, nickel, chromium prosthesis cylinders and other precious and non-precious alloys
- Programmable temperature with three distinct stages (time, temperature and temperature increase rate)
- Ideal case with high capacity for setting 6 cylinders
- Weekly schedule (100 hours)
- LCD for displaying all parameters
- Microcontroller for precise & real-time control
- Intelligent alarm system to warn software/hardware errors
- Precise thermal sensor (thermocouple type K)
- Quick installation & ease of operation
- Using the best ceramic fiber thermal insulators
- Using the best thermal elements with high durability

### Technical Data

Dimensions: 40 cm Width x 45 cm depth x 52 cm height
Chamber Dimensions: 21 cm width x 23 cm depth x 15 cm (height)
Chamber capacity: 6 cylinders
Maximum temperature: 1150 ° C (2100 ° F)
Maximum power consumption: 2000 W
Net weight: 36 kg
Power supply: 210-240 V - 50/60 Hz



## Auto Glazer



This product is used in dentistry clinics for the purpose of glazing the surface of the dental prosthesis (C&B) and removing partial defects in the dental model. Final beauty in ceramic firing will be easily achieved by this amazing furnace in the clinics. Economical and convenient for dental clinics and offices usable for dentists or laboratory technicians for fast service to the customer

### Features

- Containing 10 preset cooking programs with the ability of changing all parameters
- Working with firing tray with dimensions of maximum 8 cm diameter and 5 cm height
- Equipped with a vertical hand door for quick and easy use of the system
- Equipped with NIGHT sub-programs in order to save time and improve product life
- Equipped with Calibration Sub-programs (Calibration thermal) for initial device configuration
- With the ability to define programs for a variety of porcelain powders and drool material on the market
- Light and easy portable
- Equipped with spiral muffle which is covered by quartz to create and distribute heat evenly

### Technical Data

Dimensions: 25cm Width x 31 cm depth x 43 cm height
Maximum temperature: 1150 ° C (2100 ° F)
Net Weight: 12.5 Kg
Maximum power consumption: 1800 W
Power supply: 210-240 V - 50/60 Hz











## **Products/ Tables and Accessories**

**KOUSHAFAN PARS** Profile



## Dental Simulation Bench



### Features

- Built-in micromotor system, controllable foot pedal, adjustable speed, clockwise and counter-clockwise rotation
- Mini-unit with the ability to slide, with three holders to connect water and air syringe and the ability to connect to turbine
- Strong air nozzle to clean the dusts
- Suction system to collect suspended particles & dust
- Particle collection bags with filtering valves
- Automatic on & off suction system controlled by micromotor
- Standard spot light to adjust light intensity
- Metallic stands with ability to adjust height
- Fast and easy selection and replacement of table stands according to working environment
- Heat-resistant, anti-scratch & anti-bacterial surface (made from composite stone or MDF)
- Shelf (console) for purpose of placing the necessary instruments
- Two elbow support to enhance ergonomics
- Head phantom with separate evacuation system with ability to connect to sewage
- Protective shield in order to enhance safety
- Two separated drawers & one underneath drawer with plastic container (tray)
- Internal gas, air and water connections
- Portable water reservoir to use head phantom
- Benzene flame with internal gas connections
- Electrical switchgear with four outgoing socket
- The possibility to install 40000 RPM micromotor with elbow control
- Programmable intelligent system and screen display to control and display parameters (micromotor rotational speed, light intensity) in a modular package

### Technical Data

Dimensions: 60 cm width x 110 cm depth x 86-100 cm height
Power input of dust evacuation system: 1400 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor angular velocity: 30000-45000 RPM
Air pressure: 1-6 Bar

## Dual Dental Simulation Bench



## Dual Dental Simulation Bench

### Features

- Double Built-in micromotor system, controllable foot pedal, adjustable speed, clockwise and counter-clockwise rotation
- Double mini-unit with the ability to slide, with three holder to connect water and air syringe and the ability to connect to turbine
- Double Strong air nozzle to clean the dusts
- Double Suction system to collect suspended particles & dust
- Double Particle collection bags with filtering valves
- Double Automatic on and off suction system controlled by micromotor
- Double Standard spot light to adjust light intensity
- Metallic stands with ability to adjust height
- Fast & easy selection and replacement of table stands according to working environment
- Heat-resistant, anti-scratch & anti-bacterial surface (made from composite stone or MDF)
- Shelf (console) for purpose of placing the necessary instruments
- Four elbow support to enhance ergonomics
- Double Head phantom with separate evacuation system with ability to connect to sewage
- Protective shield in order to enhance safety
- Two separated drawers & two underneath drawer with plastic container (tray)
- Internal gas, air and water connections
- Portable water reservoir to use head phantom
- Benzene flame with internal gas connections
- Electrical switchgear with four outgoing socket
- The possibility to install 40000 RPM micromotor with elbow control
- Programmable intelligent system and screen display to control and display parameters (micromotor rotational speed, light intensity) in a modular package

### Technical Data

Dimensions: 60 cm width x 110 cm depth x 86-100 cm height
Power input of dust evacuation system: 1400 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor angular velocity: 30000-45000 RPM
Air pressure: 1-6 Bar



## Dental Laboratory Work Bench



### Features

- Built-in micromotor system, controllable foot pedal, adjustable speed, clockwise and counter-clockwise rotation
- Strong air nozzle to clean the dusts
- Suction system to collect suspended particles & dust
- Particle collection bags with filtering valves
- Automatic on and off suction system controlled by micromotor
- Standard fluorescent lights with adjustable light intensity
- Metallic stands with ability to adjust height
- Fast & easy selection and replacement of table stands according to working environment
- Heat-resistant, anti-scratch & anti-bacterial surface (made from composite stone or MDF)
- Shelf (console) for purpose of placing the necessary instruments
- Two elbow support to enhance ergonomics
- Protective shield in order to enhance safety
- Three separated drawers and two underneath drawer with plastic container (tray)
- Internal gas, air and water connections

- Benzene flame with internal gas connections
- Electrical switchgear with four outgoing socket
- The possibility to install 40000 RPM micromotor with elbow control
- Programmable intelligent system and screen display to control and display parameters (micromotor rotational speed, light intensity) in a modular package

### Technical Data

Dimensions: 60 cm width x 110 cm depth x 86-100 cm height
Power input of dust evacuation system: 1400 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor Angular velocity: 30000-45000 RPM
Air pressure: 1-6 Bar

## Dual Dental Laboratory Work Bench



Dual Dental Laboratory work Bench

### Features

- Double Built-in micromotor system, controllable foot pedal, adjustable speed, clockwise and counter-clockwise rotation
- Double Strong air nozzle to clean the dusts
- Double Suction system to collect suspended particles & dust
- Double Particle collection bags with filtering valves
- Double Automatic on and off suction system controlled by micromotor
- Double Standard fluorescent lights with adjustable light intensity
- Metallic stands with ability to adjust height
- Fast and easy selection and replacement of table stands according to working environment
- Heat-resistant, anti-scratch and anti-bacterial surface (made from composite stone or MDF)
- Shelf (console) for purpose of placing the necessary instruments
- Four elbow support to enhance ergonomics
- Protective shield in order to enhance safety
- Two separated drawers and two underneath drawer with plastic tray
- Internal gas, air and water connections
- Benzene flame with internal gas connections
- Electrical switchgear with four outgoing socket
- The possibility to install 40000 RPM micromotor with elbow control
- Programmable intelligent system and screen display to control and display parameters (micromotor rotational speed, light intensity) in a modular package

### Technical Data

Dimensions: 60 cm width x 110 cm depth x 86-100 cm height
Power input of dust evacuation system: 1400 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor angular velocity: 30000-45000 RPM
Air pressure: 1-6 Bar



## General Box



General box is an integrated set which includes a micrometer for rasping, suction, air nozzle, protective shield and etc. Easy and safe dental operation with personal and environmental hygiene will be accomplished by using this product.

### Features

- Two Built-in micromotor systems, controllable with foot pedal to adjust clockwise and counter-clockwise rotation
- Strong air nozzle to clean the dusts
- Suction system to collect suspended particles and dust
- Particle collection bags with filtering valves
- Automatic on and off suction system controlled by micromotor
- Standard fluorescent lights with adjustable light intensity
- Metallic stands with ability to adjust height
- Inferior drawer with plastic container (tray)
- Protective shield to enhance safety and have a better visibility
- Regulator and gauge to adjust and display air flow
- Electrical switchgear with four outgoing socket
- Air pedal on work stand
- The possibility to install 40000 RPM micromotor with elbow control
- Programmable intelligent system and screen display to control and display parameters (micromotor rotational speed, light intensity) in a modular package

### Technical Data

Dimensions: 65 cm width x 80 cm depth x 125 cm height
Power input of dust evacuation system: 1600 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor Angular velocity: 30000-45000 RPM
Air pressure: 1-6 Bar











## **Products/Sterilization Equipment**

**KOUSHAFAN PARS** Profile

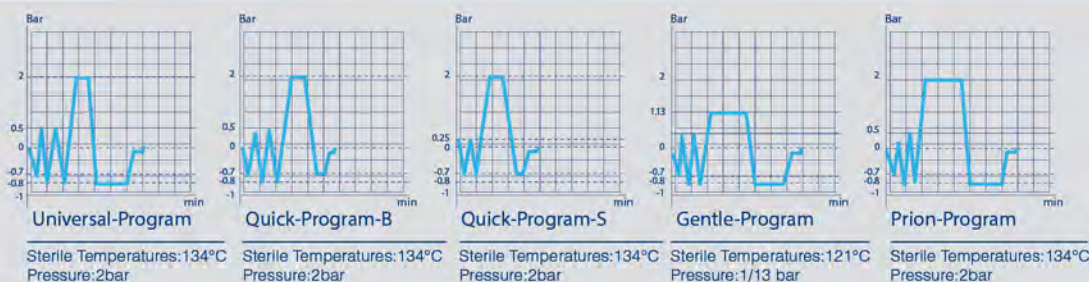


## Autoclave

# Elite Premium B18



**NEW!**



Dental Autoclave class B, is the new generation of sterilizer family which uses steam pressure and vacuum environment technology and offers vast applications and accuracy of performance assurance. Five functional programs according to global standards together with advanced hardware equipment, offers sterilizing capability to the product for all kinds of surgical devices (metal and sterilizable non-metals), clinical clothing and garments, operating room instruments and utensil. According to high importance and sensitivity of this product, in addition to considering 4860 and 4863 national standards in designing and producing, manufacturing process of this product has been in accordance with European standards of CE, EN 13060 and ISO 13485.

### Features

- Process evaluation system
- Mechanical (safety valve) and electrical (with feedback from pressure sensor) pressure controller in order to provide maximum functional safety
- Water level controller and alarm system
- Five fixed programs and two user-adjustable programs
- Heat and pressure calibration system
- Robotic locking door system
- Integrated reservoir made from stainless steel
- Input and output valves in rear and front of device
- Installed printer to print accomplished sterilization process
- Timer and time register to extract all kind of time information from the entire sterilization process
- Safety valves to reach maximum operational security.
- LCD Display by easy operation

### Technical Data

Dimensions: 47 cm width x 58 cm depth x 42 cm height
Sterile temperatures: 121 & 134 °C
Chamber volume: 18 liter
Net weight: 52 Kg
Maximum consumption power: 1800 W
Power supply: 210-240 V-50/60 Hz

## Steam Cleaner



Steam Cleaner

Steam Cleaning is a prevalent and effective method to clean dental models, prosthesis and tools, removing casting operation and residual wax in dental technology and dentistry. Steam Cleaner of KFP with easy and safety operation has been manufactured to fulfil maximum requirements of dental technology and dentistry.

### Features

- Eliminate pollution of different surfaces for metallic and ceramic zirconia frames
- Cleaning different surfaces of prostheses
- Steam adjusting output according to the sort of consumption
- Three tips for multiple consumption cases
- Water amount electronic controller
- Water amount alarm system
- Portable and fixed nozzle
- Fully metallic framework for strengthening and enhancement of product life purposes
- Steam storage device for standby status
- Safety valves to reach maximum operational security.
- Foot pedal

### Technical Data

Dimensions: 30 cm width x 46 cm depth x 40 cm height
Maximum output steam pressure: 6 Bar
Net weight: 18 Kg
Maximum power input: 2200 W
Power supply: 210-240 V-50/60 Hz
Water storage volume: 4 liters







**Products/Other Dental Equipment**

**KOUSHAFAN PARS** Profile



## Induction Casting Machine



Induction Casting Machine (Ducatron) is offered to dental laboratories. Function of this device is based on induction melting technology which makes the precise and safe casting operation with all common alloys in dentistry (except titanium) possible. One of the most significant characteristics of this product is using argon gas for avoiding alloy oxidation.

### Features

- Casting for all precious & non precious alloys (except Titanium)
- Highest precise without any changes in work dimensions
- 100 percent security (the end of risks resulting from traditional form of casting, omission of gas capsule and air)
- Possibility of using argon gas to maximally minimize oxidation (complete deletion of oxidation and porosity)
- Time saving (In Comparison to traditional casting method)
- Economical, Low alloy consumption
- No need to balance and adjust
- User friendly

### Technical Data

Dimensions: 59 cm width x 69 cm depth x 95 cm height
Maximum temperature: 1600 °C
Weight: 110 Kg
Maximum allowable alloy weight: 60 g
Water reservoir volume: 18 liter per minute
Argon current rate: 15 liter per minute
Maximum power input: 2500 w
Power supply: 210-240 V-50 Hz

## FlexoPlast

# FlexoPlast



Flexoplast is an advanced system for injecting thermoplastic material with ideal usage in dentistry to build acrylic removable prosthesis (denture). Easy, precise and elegant prosthesis operation is result of Flexoplast using.

### Features

- Equipped with an advanced processor to automatically control program
- Equipped with Program termination alarm
- Alarm system for faulty user operation
- Precise thermal sensor to measure the muffle temperature
- Indicator to display muffle temperature
- Made of high quality cast iron to facilitate casting in cartridge injection & ejection
- High precision performance
- User friendly

### Cartridge Features

- High polishability and inexistence of saliva absorption
- With high biocompatibility to adapt to oral tissues
- Fabricated in four colors: Transparent, Intense Pink, Soft Pink, Dark Pink
- Fabricated in Large, Medium and Small sizes

### Technical Data

Dimensions: 20 cm width x 30 cm depth x 55 cm height
Weight: 30 Kg
Power input: 800 W
Operating voltage: 210-240 V-50/60 Hz



# Fine Blast

## Fine Blast



### Features

- Equipped with two tungsten carbide nozzles with high durability
- Two sand chambers
- Ability to work with both 25-70  $\mu\text{m}$  & 70-250  $\mu\text{m}$  sands (in two separate chambers)
- Output pipe for connecting to suction
- Low-energy consuming by LED light system
- Equipped with regulator to adjust function pressure
- Equipped with pressure gage to prompt display functional pressure with high precision
- Textile sleeves to enhance operation hygiene
- Fast & easy installation and function
- Elegant and beautiful design



One of the important usage of this device in dental laboratories is eradicating residual plaster after casting stage, surface cleaning and producing mechanical binding in cases such as fixed frames, partial, full ceramics, glass ceramics, and feldspars. Using this device leads to prevention of powder and abrasives scattering in the work environment and high work precision is obtained with desired abrasive powders in the two separate reservoirs. Existence of two hand-pieces with tungsten carbide nozzles and two modes switch provides the possibility of hand-peice selection and and high-speed operation to the user.

### Technical Data

Dimensions: 40 cm width x 43 cm depth x 29 cm height
Weight: 7 Kg
Functional pressure: 2-6 Bar
Chamber capacity: 1 liter
Power Supply: 210-240 V- 50/60 Hz

# Mobile Blast

## Mobile Blast

Single Tank Sandblast (Portable)



This device has only one reservoir. Distinct characteristics of Mobile Blast include quick use, easy transportation and high availability in dental laboratories.

### Features

- Equipped with one tungsten carbide nozzle with high durability
- Ability to work with both 25-70  $\mu\text{m}$  & 70-250  $\mu\text{m}$  sands
- Equipped with regulator to adjust function pressure
- Equipped with pressure gage to prompt display functional pressure with high precision
- Light-weighted, portable & user friendly

### Technical Data

Dimensions: 13 cm (width)*30 cm (depth)*27 cm (height)
Weight: 2.5 Kg
Functional pressure: 2-6 Bar
Sand Chamber Capacity: 1 liter

## Multi VAC

## Multi VAC



Multi VAC is multifunctional equipment with ability to be used manually or automatically in parallel with different devices. Ideal operation of this product leads to completely dust collection and dental operation wastes.

### Features

- Powerful suction, ideal to use in different milling devices (CAD/CAM), polish motors, work tables, cast slicing, dry trimmer model, sand blasts, ....
- Synchronizing power system with any used device with the ability to intelligently adjust consumption load
- Light-weighted portable with the possibility to move and install easily
- Automatic & manual control
- Suction adjusting power and suction flow rate
- Evacuation alarm system once bag capacity reaches zero
- Intelligent electricity current shut down system for ignoring evacuation bag alarm system
- User friendly along with easy evacuation bag replacement

### Technical Data

Dimensions: 26 cm width x 62 cm depth x 76 cm height
Weight: 29 Kg
Power input: 1200 W
Operating voltage: 210-240 V-50/60 Hz



**Poli VAC**  
(Polish Device)



Polish device with high strength for polishing and processing the surface, along with strong suction results in a high quality disbursement, along with maximal hygiene. So the user will reach to maximum efficiency of this product.

**Features**

- Usable for all removable prostheses: acrylic and chrome-cobalt dentures
- Final processing ability with different rotation
- Two installment axes for processing and polishing brushes
- Automatic suction system in order to prevent suspended dust
- Fluorescent light system for better visibility
- Suction bag for easy evacuation
- Plastic reservoirs for easy cleaning
- Mechanical system for extracting brush from shaft for ease of performance & maintenance

**Technical Data**

Dimensions: 51 cm width x 81 cm depth x 45 cm height
Net weight: 55 Kg
Maximum power input: 500 W
Operating voltage: 210-240 V-50/60 Hz
Motor angular velocity: 400-1200 RPM

## Auto MIX

## Auto MIX



This device is used in dental laboratories in order to mix materials (plasters used in dentistry) and also to uniform and remove air bubble.

### Features

- Microprocessor pressure control system
- Internal oil-less vacuum pump
- Widespread timer and program adjustment Time
- Digital Indicator in order to display vacuum surface with adjustment capability
- The possibility to change time parameter & operation
- Vacuum termination valve to enhance function safety
- Shut down alarm system
- The possibility to modify and change functional programs
- Easy consumable parts replacement
- Easy usage and installation
- Light-weighted and portable

### Technical Data

Dimensions: 28 cm width x 28 cm depth x 48 cm height
Weight: 17 Kg
Maximum power input: 85 W
Operating voltage: 210-240 V-50/60 Hz
Micromotor angular velocity: 400 RPM
Maximum amount of vacuum: 870 mBar
Container volume: 250 and 500 ml



# Dental Plaster Silo

## Plaster Silo



This device is used for keeping dental plaster. One of remarkable characteristics of this devices is easy evacuation and vibration of nozzle outlet for preventing plaster adhesion (because of moisture).

### Features

- Vibration system in order to avoid adherence of plaster particles to each other and to silo inner wall
- High quality output valve in proper dimensions to control outlet plaster
- Steel frame for stability and beauty
- Easy relocation & installation
- Wall mounting capability

### Technical Data

Dimensions: 25 cm width x 30 cmdepth x 55 cm height
Dimensions of output valve: 4 cm x 4 cm
Weight: 10 Kg
Plaster capacity: (about) 22 Kg
Maximum power input: 85 W
Operating voltage: 210-240 V-50/60 Hz

# Vibrator

## Vibrator



The application of Vibrator in industry is preparing uniform powder. In dental field, Vibrator is used to create uniform surfaces in plasters, all kinds of refractory and casting materials and air bubble removal. Vibration adjustment and easy operation are considered as sensible characteristics of this product.

### Features

- Uniform long life vibration system
- Vibration level adjustment system
- An ideal product for elimination of bubbles from plaster
- Applicable in other industries for a similar application for other powders
- Light-weighted & portable along with easy usag

### Technical Data

Dimensions: 16 cm (width)*24 cm (depth)*12 cm (height)
Net weight: 7 Kg
Maximum power input: 100 W
Power supply: 210-240 V-50 Hz

## Pin-hole drilling unit

Pindex Q1



Pin-hole drilling unit with laser pointing system is designed for precise model drilling required by the removable pin technique adjustable drilling depth.

### Features

- Adjustable drilling depth
- Stable, resistant and balanced design three tips for high accuracy
- User friendly
- Intelligent timer for optimized consumption
- Contains Powerful and noiseless engine
- Accurate and reliable point laser system
- Safety operation by using mechanical and electronic protective equipment

### Technical Data

Dimensions: 25 cm width x 26 cm depth x 38 cm height
Technical data: Maximum power input: 150 W to 2800 RPM
3mm shank pliers for drill
Net weight: 18 Kg
Power supply: 220V-60/50 Hz



In order to raise the quality of products on the market and use of the best technology in the world by specialists and dentists in the country and improving the quality in this industry, KoushaFan Pars Company has attempted to work with sensitivity on the best products in dentistry and dental field as exclusive agent in Iran. Always quality, support and training of all products of foreign companies have been our priority of choice. VITA Co. and Imes/icone Co. from Germany and 3Shape Co. from Denmark can be listed as these foreign manufacturing companies.

### **VITA Company:**

VITA Company with over 90 years of experience in the dental and dentistry industry is amongst the largest manufacturers of consumables in this field and leading provider of shade taking system in the world. The company's products are exported to over 150 countries worldwide and 70% of production is used internationally.

The main activities of this company is in the field of shade measurement, producing of dentures for removable prostheses, producing of powder used in metal ceramics and all ceramics, manufacturing of consumables for CAD/CAM systems and other dental and dentistry material and equipment. In the field of consumables in CAD/CAM systems, the first clinical application of VITABLOCS had been carried out at the University of Zurich in 1985 (in Switzerland) and the last ones which are Glass Ceramics and Hybrid Ceramics were introduced in 2013.

KoushaFan Pars has been exclusive agent of VITA Company in Iran since 4 years ago.

# VITA

### **3Shape Company:**

3Shape with 560 Employee is one of the largest companies in Digital Dentistry which is working in 14 different points in the world.

The company products include Laboratory Scanners, Intraoral scanners, Design Soft-wares and CBCT. KoushaFan Pars Company as exclusive agent of 3Shape in Iran presents all aforementioned products and is responsible for after-sale services.

# 3shape

### Imes-Icore Company:

This company is one of the affiliated Companies to isel Company. isel is a German company with 40 years experience in producing industrial CNC machines and entered to dental field in 1992 by starting projects such as Wolceram. isel Company activity continued up to 2002 by Founding imes Company. After 4 years imes was combined with icoredental and imes-icore was established.

The main activity of imes-icore is manufacturing of CNC machines which are used in dentistry. Collection of 140, 245, 350, 450, 550, 650 is included in the best and most complete ones in Dentistry CNC series. Imes-Icore is known as the main producer of CNC machines for Dental Direkt, Heraus Kulzer, Schutz...

KoushaFan Pars as exclusive agent of imes-icore with selling 60 machines has the largest market share in Iran and is responsible for supporting and after sale services of sold machines.





