

Dekema Dental Ceramic Furnaces

AUSTROMAT® 654 press-i-dent®

Combi-porcelain furnace for firing and pressing standard
Complete with pump, 1 x firing and 1 x pressing table, silver wire test kit,
tweezers, software package
optional: trixpress®
Aluminum frame, silver anodized

AUSTROMAT 654 press-i-dent: najúčinnějšía combi pec. Najmä v kombinácii s trixpress systémom, ktorý by mohol stlačiť až 20 g keramiky a / alebo až 5 farieb v jednom cykle. To vedie k produktivite, ktorá je jedinečné a neexistuje v akejkoľvek inej jednotke. S PTA (automatické časovanie tlaku) prispôbenom na Lítium Disilicate, presuje E-max s úplne minimalizovanou reakčnou vrstvou, ak vôbec nejakou.



Austromat 654 The President

The Austromat is equipped with the innovative, controlled, electro mechanical upwards-pressing propulsion. It opens the mind of the dental technician to a new world of unique pressing possibilities. Equipped with a closed firing chamber, no holes at the top and no cold spots to deliver homogenous temperature distribution needed to perfectly fire every layered dental restoration.

- Has the ability to press several colours with multiple plungers in one ring.
- Press without vacuum
- Quick cooling steps during pressing
- Firing high and low fusion dental ceramics

The AUSTROMAT 654 pres-i-dent is unique for pressing furnaces through its closed thermal insulation system. Further optimised by its upwards-pressing propulsion, renowned for its precision and accuracy. Operationally the user guidance or editor is identical to the AUSTROMAT 624/ 644 with extended functionality through the high resolution touch screen or remotely through the network.

AUSTROMAT[®] 644

Combi-furnace for firing and pressing porcelain under vacuum

- Outstanding pressing and firing results
- Patented vacuum pressing system – no compressed air connection is necessary
- Easy to use Program Manager with 200 programs
- Intuitive user-oriented user interface
- Large, scratch-resistant glass touchscreen
- USB interface for easy data transfer, software updates or operation using a mouse
- Autodry[®] – for precise drying and cooling

Options:

- Connection to the DEKEMA[®] Internet database
- Can be operated using a PC or Mac via a JAVA[™] Internet browser
- Can be operated via an iPod[®] touch, iPhone[®] or iPad[®]
- Extensive quality management options

DEKEMA[®] Autodry[®]:

Simulates object temperature measurement and automatically regulates the distance from between the firing object and the firing chamber with the vibration-free lift for precise drying and cooling phases. The Autodry[®] has been refined and adapted to the requirements of modern ceramics.

Automatic self-test:

Internal test routines seamlessly monitor the temperature while the program is running.

Check program:

An automatic diagnosis routine is integrated for all system components to determine the service intervals.

Setup:

Units, language, date, time, screen settings, network (optional), general code, furnace ID, acoustic signal, drying temperature, heating settings, long-term readiness, lift settings, check program, cleaning firing, temperature calibration, seal tests, printer, quality management (optional), diagnosis data, login data (optional), backup/recovery, FTP server login (optional) and much more.

Network (optional):

JAVA[™] technology for use via IE, Firefox, Opera, Safari etc.; supports cable-connected devices with automated IP address (DHCP); FTP client/server; OPC server support

Connections:

2 USB, 1 Ethernet (RJ 45)

Scope of delivery:

AUSTROMAT[®] 644 ceramic furnace, firing table, press table, vacuum pump, operating instructions, tweezers, device cable

Software options for expanding functionality (optional):

Internet access, JAVA[™] remote-access, VNC remote-access, FTP server, FTP client, quality management, X-DREAM[®], OPC server

Technical data:

220-240 V, 110-120 V or 95-105 V, 50-60 Hz, max. 1450 W (incl. pump), 757 mm x 380 mm x 338 mm (HxWxD), 18.5 kg (without pump).



AUSTROMAT 644

Combi-porcelain furnace for firing and pressing standard

Complete with pump, 1 x firing and 1 x pressing table, silver wire test kit, tweezers

optional: software options / -package

Aluminum frame, silver anodized



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AUSTROMAT 644: vynikajúca combi pec, poskytujúca najlepšie vypaľovacie a lisovacie výsledky so štandardnými kruhovými systémami a vybavené kvalitnými riadiacimi prvkami s možnosťou ovládania cez internet.

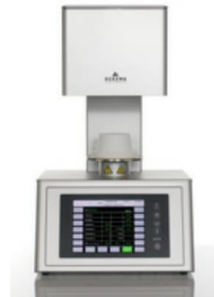
AUSTROMAT® 624

Furnace for firing porcelain under vacuum

- Outstanding firing results
- Easy to use Program Manager with 200 programs
- Intuitive program entry
- Large, scratch-resistant glass touchscreen
- USB interface for easy data transfer, software updates or operation using a mouse
- Autodry® – for precise drying and cooling

Options:

- Connection to the DEKEMA® Internet database
- Can be operated using a PC or Mac via a JAVA™ Internet browser
- Can be operated via an iPod® touch, iPhone® or iPad®
- Extensive quality management options



DEKEMA® Autodry®:

Simulates object temperature measurement and automatically regulates the distance from between the firing object and the firing chamber with the vibration-free lift for precise drying and cooling phases. The Autodry® has been refined and adapted to the requirements of modern ceramics.

Automatic self-test:

Internal test routines seamlessly monitor the temperature while the program is running.

Check program:

An automatic diagnosis routine is integrated for all system components to determine the service intervals.

Setup:

Units, language, date, time, screen settings, network (optional), general code, furnace ID, acoustic signal, drying temperature, heating settings, long-term readiness, lift settings, check program, cleaning firing, temperature calibration, seal tests, printer, quality management (optional), diagnosis data, login data (optional), backup/recovery, FTP server login (optional) and much more.

Network (optional):

JAVA™ technology for use via IE, Firefox, Opera, Safari etc.; supports cable-connected devices with automated IP address (DHCP); FTP client/server; OPC server support

Connections:

2 USB, 1 Ethernet (RJ 45)

Scope of delivery:

AUSTROMAT® 624 ceramic furnace, vacuum pump, operating instructions, tweezers, device cable

Software options for expanding functionality (optional):

Internet access, JAVA™ remote access, VNC remote access, Ftp server, Ftp client, quality management, X-DREAM®, OPC server

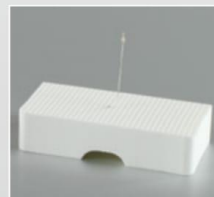
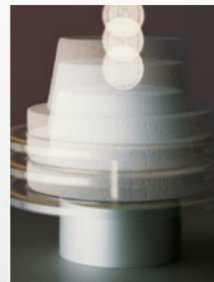
Technical data:

220-240 V, 110-120 V or 95-105 V, 50-60 Hz, max. 1450 W (incl. pump), 653 mm x 380 mm x 338 mm (HxWxD), 17.5 kg (without pump).

AUSTROMAT 624

Ceramic furnace complete with pump, firing table, silver wire test kit, tweezers

optional: software options / -package Aluminum frame, silver anodized



AUSTROMAT 624: vynikajúce vypaľovacie pece, ktoré poskytujú najlepšie výsledky vypaľovania, vybavené kvalitnými riadiacimi prvkami s možnosťou ovládania cez internet.



Austromat 664

Merging user-orientated operation, short sintering cycles, low energy consumption and a very small footprint. Materialised through the AUSTROMAT 664 iSiC, the DEKEMA specific SiC heating technology makes it possible. Approximately thirty copings or restorations with up to six units can be reliably sintered in one cycle with up to 1.530 degrees Centigrade. The high temperature furnace AUSTROMAT 663 iSiC is equipped with two silicon carbide heating elements to safely and consistently operate at temperatures up to 1.530 degrees centigrade. All components of the AUSTROMAT 664 iSiC sintering chamber are made of the highest purity, durable materials to ensure a homogenous heat distribution in a clean atmosphere. A patent pending DEKEMA specific Platin/Platin Rhodium thermocouple monitors the temperature inside the sintering chamber. Approximately 15 copings with a maximum diameter of 65mm might be simultaneously sintered on top of the patented insulation table, to create two levels and double capacity. The time tested AUTODRY system has been further improved by providing both precise drying steps as well as quick direct heating and cooling steps for extremely short sintering cycles.

Vysokoteplotná pec AUSTROMAT 663 iSiC je vybavená dvoma karbidovými ohrievacími elementami na bezpečnú a trvalú prevádzku pri teplotách do 1 530 stupňov Celzia. Všetky komponenty sintrovacej komory AUSTROMAT 664 iSiC sú vyrobené z odolných materiálov najvyššej čistoty, aby sa zabezpečilo homogénne rozloženie tepla v čistej atmosfére.