

DENTAL EQUIPMENT

Sintering Furnace

DUOTRONPRO EX-7100 / EX-6100

2 Hour Fast Sintering!
7" TFT LCD Touch Screen
Mosi2 Coil



Press & Ceramic Oven

DUOTRON EX-3100 / EX-5100

Enclosed Vacuum Pump!
& 900 Programmable
Settings Available



SINTERING FURNACE

● Zirconia Sintering Furnace EX-7000



● Zirconia Sintering Furnace EX-7100



2 Hour Fast Sintering!

Compact Design

- Roomy Interior Chamber
Ø95mm x 110mm(H)
- Compact Size / Weight
303mm(W) x 456mm(D) x 747mm(H) / 50Kg
- Stock 3 Trays. (25 units per. tray)

Mosi2 Heating Element

- 1900°C, Heating Element(Operating 1600°C)

Programmable Schedules

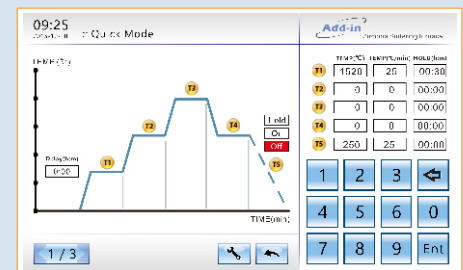
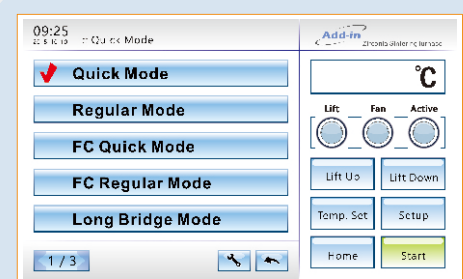
- Fully Programmable & Capable of Creating Custom Cycles for Different Material Needs
- 15 Different Schedules

Easy to Update

- Software Upgrades through USB Port
- Firing Cycle Upload / Download
- Alternate Control with USB mouse

Front Panel

7" TFT LCD Touch Screen



3 Hour Sintering!

Compact Design

- Roomy Interior Chamber
110mm(W) x 110(D) x 110(H)
- Compact Size / Weight
354mm(W)x391mm(D)x527mm(H) / 35Kg
- Stock 2 Trays. (25 units per. tray)

Mosi2 Heating Element

- 1900°C, Heating Element(Operating 1600°C)

Programmable Schedules

- Fully Programmable & Capable of Creating Custom Cycles for Different Material Needs
- 10 Different Schedules

● Zirconia Sintering Furnace S-6100



3 Hour Sintering!

Compact Design

- Compact Size / Weight
375mm(W) x 340mm(D) x 367mm(H) / 27Kg
- Roomy Interior Chamber
110mm(W) x 110(D) x 60(H)
- Stock 1 Trays. (25 units per. tray)

Mosi2 Heating Element

- 1900°C, Heating Element
(Operating 1550°C)

Programmable Schedules

- Fully Programmable & Capable of Creating Custom Cycles for Different Material Needs
- 10 Different Schedules

● Zirconia Sintering Furnace S-600



Precision Load Cell, Enclosed Vacuum Pump & 900 Programmable Settings!

Precision Load Cell

- Precision Load Cell Detect Real Time Pressure
- Pressing Controlled by Precision Force Sensor All the Time
- Press by Mechanical Force. (No need Compressor! , Motor Inside)

Compact Design

- Roomy Interior Chamber
Ø90mm x 64mm(H)
- Compact Size / Weight
268mm(W) x 378mm(D) x 754mm(H) / 27Kg

7" TFT LCD Touch Screen

- Various Features and Easy to Use Touch Screen
- Control Temperature & Pressure as You Need

Nickle Chrome Heating Coil

- Precise Temperature uniformity & Control
- Prevented Cracks by Uniform Temperature
- 1200°C , Maximum Temperature

Easy to Update

- Software Upgrades through USB Port
- Firing Cycle Upload / Download
- Alternate Control with USB mouse

Vacuum Pump Inside

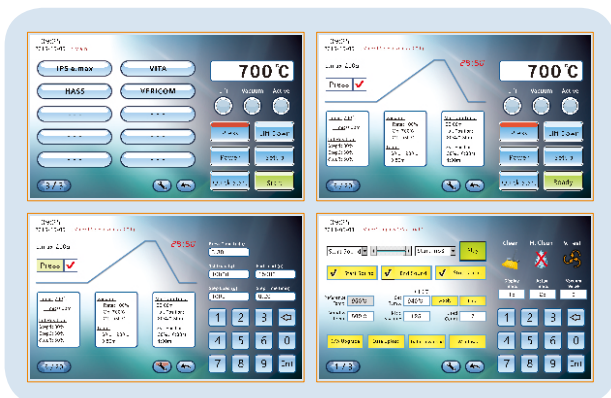
- Self Vacuum



● Press & Ceramic Furnace EX-5100

Front Panel

7" TFT High Resolution LCD Touch Screen



Enclosed Vacuum Pump! & 900 Programmable Settings Available

Compact Design

- Roomy Interior Chamber
Ø90mm x 64mm(H)
- Compact Size / Weight
268mm(W) x 378mm(D) x 566mm(H) / 25Kg

7" TFT LCD Touch Screen

- Various Features and Easy to Use Touch Screen for All your Heating Needs

Nickle Chrome Heating Coil

- 1200°C , Maximum Temperature

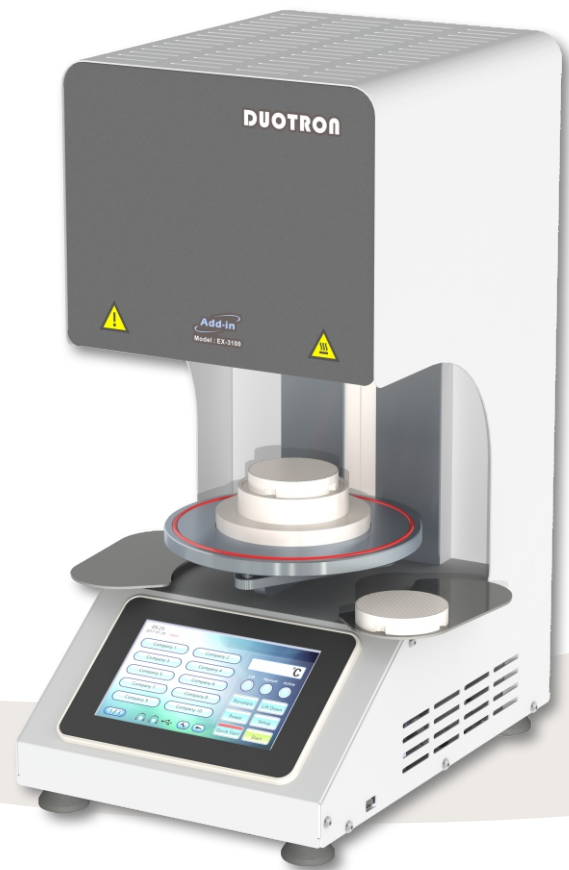
Easy to Update

- Software Upgrades through USB Port
- Firing Cycle Upload / Download
- Alternate Control with USB mouse

Vacuum Pump Inside

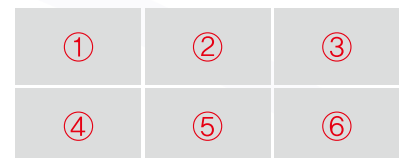
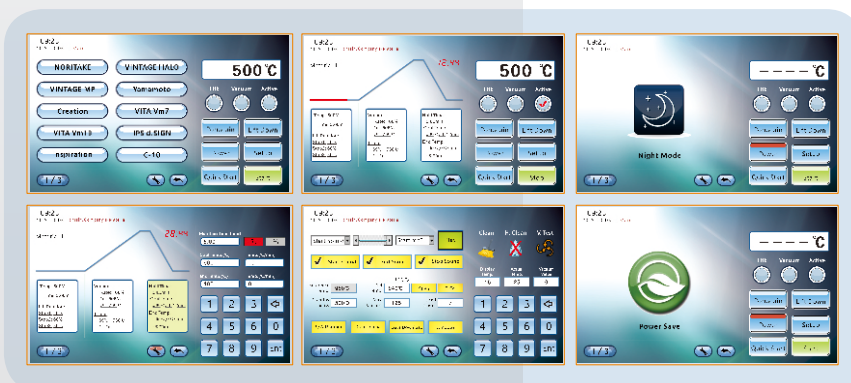
- Self Vacuum

● Ceramic Furnace EX-3100



Front Panel

7" TFT High Resolution LCD Touch Screen



- ① Main Display Menu
- ② Firing Cycle Progress Menu
- ③ Night Mode
- ④ Firing Cycle Program Menu
- ⑤ Setup Menu
- ⑥ Power Save Mode

Odorless, Capture All Burned Out Gases!

Compact Design

- Roomy Interior Chamber
180mm(W) x 230mm(D) x 160mm(H)
- Compact Size / Weight
385mm(W) x 440mm(D) x 710mm(H) / 35Kg

7" TFT LCD Touch Screen

- Various Features and Easy to Use Touch Screen for All Your Heating Needs

Nickel-Chrome Alloy Coil

- 1200°C, Maximum Temperature

Programmable Schedules

- Fully Programmable & Capable of Creating Custom Cycles for Different Material Needs

Easy to Update

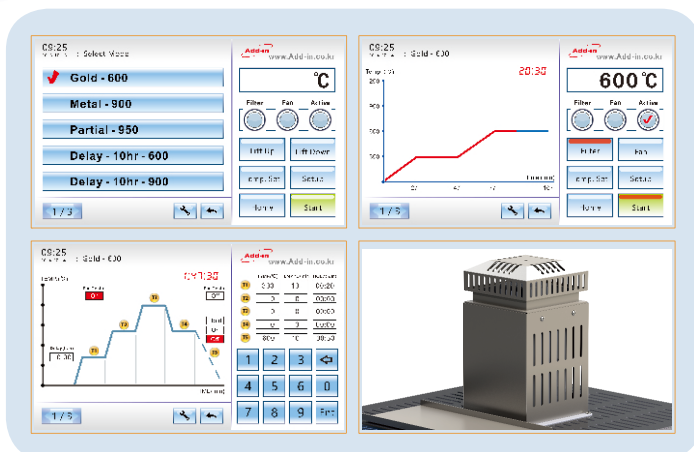
- Software Upgrades through USB Port
- Firing Cycle Upload / Download
- Alternate Control with USB mouse

Environmentally Friendly

- Decontaminant Filter for gas byproducts

Front Panel

7" TFT High Resolution LCD Touch Screen



● Burn Out Furnace EX-1000



● Burn Out Furnace S - 1000

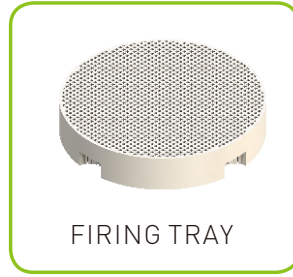




SINTERING TRAY



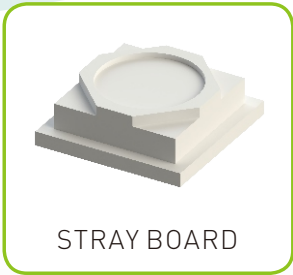
SINTERING LID



FIRING TRAY



TRAY TONGS



STRAY BOARD



TONGS



COOLING STATION



ZIRCONIA BEADS



ALUMINA PLATE



PLUNGER



CERAMIC PLATE



VACCUM PUMP

EX-1000

EX-3100

EX-5100

S-600

S-6100

EX-7100

Parts Name

Sintering Tray (ø95 x 28)			✓	✓	✓
Sintering Lid (ø95 x 20)			✓	✓	✓
Firing Tray & Pins (ø70 x 13)	✓	✓			
Tray Tongs (400mm)					
Tray Board (145 x 145 x 50)			✓	✓	✓
Tongs (153 x 25 x 20)			✓	✓	✓
Cooling Station (100 x 320 x 30)			✓	✓	✓
Zirconia Beads (ø2)			✓	✓	✓
Alumina Plate (ø80 x 5 mm)					
Plunger (ø13 x 35 mm)				✓	
Ceramic Plate (170x220x10T)	✓				
Vacuum Pump (60L-741,60L-742)					

S-1000**EX-3100****EX-5100****S-6100****EX-7100**

Parts Name	S-1000	EX-3100	EX-5100	S-6100	EX-7100
Maximum Temp	1100°C	1200°C	1200°C	1600°C	1600°C
Dimension (mm)	385(W) / 440(D) / 710(H)	268(W) / 378(D) / 566(H)	268(W) / 378(D) / 754(H)	354(W) / 391(D) / 527(H)	303(W) / 456(D) / 747(H)
Packing Size (mm)	490(W) / 560(D) / 840(H)	390(W) / 520(D) / 710(H)	385(W) / 440(D) / 900(H)	440(W) / 490(D) / 750(H)	420(W) / 580(D) / 880(H)
Weight(Packing)	35kg(40kg)	25kg(29kg)	27kg(31kg)	35kg(39kg)	50kg(57kg)
Voltage	AC 230V / 50/60 Hz	AC 230V / 50/60 Hz	AC 230V / 50/60 Hz	AC 230V / 50/60 Hz	AC 230V / 50/60 Hz
Max. Current	12A	6A	6A	8A	12A
Heating Element	Ni-Cr Alloy Coil	Ni-Cr Alloy Coil	Ni-Cr Alloy Coil	MoSi2 Coil	MoSi2 Coil
Oper. Temp	+2°C ~ +40°C	+2°C ~ +40°C	+2°C ~ +40°C	+2°C ~ +40°C	+2°C ~ +40°C
Chamber Size (mm)	180(W) / 230(D) / 160(H)	∅90 x 64(H)	∅90 x 64(H)	110(W) / 110(D) / 110(H)	∅95 x 110(H)

Distributor

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