

MANFREDI

● ○ ● dental laboratories since 1934



www.manfredi-saed.it

San Secondo di Pinerolo (TO) - Italy
ph +39 0121 501561 - fax +39 0121 500456

FURNACES

Warmy 7 N

cod. F44A2



Up to 10 complete cycles, including date and time data. Parameters can be modified anytime when cycle is running. Up to 3 temperature rates can be preset.

- Max temp. 1100°C,
- Delayed start with timer, up to 100 hrs.
- Automatic start-up and restart after current black-out
- Display shows time remaining to cycle end
- Capacity up to 5 medium sized casting rings
- Dimensions of internal chamber cm: 12x19x10
- Total dimensions cm: 28x43x56
- Weight Kg 31

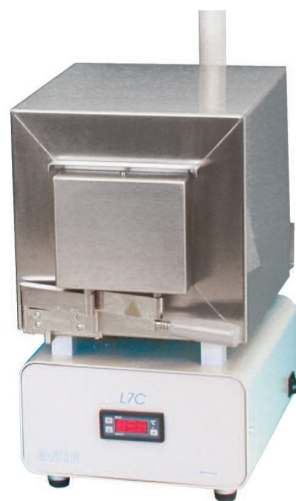
cod. F15B4

L7 B

Low budget burn-out furnace, ideal for fast investments and as back-up unit. Equipped with pre-start timer with capacity up to 100 hrs.

Digital display

- Max temp. 1100°C,
- Delayed start with timer, up to 100 hrs.
- Capacity up to 5 medium sized casting rings
- Dimensions of internal chamber cm: 12x19x10
- Total dimensions cm: 28x43x56
- Weight Kg 26



Kerasmart 200

cod. F36A2



Extremely reliable ceramic furnace. Constant temperature control by means of internal microprocessor. Uniform heating distribution inside the quartz muffle. External console featuring up to 200 programs. Equipped with smartcard able to save and load up to 15 programs. Acoustic alarms at cycle end. Automatic restart in case of current black out, allowing the heating cycle to be regularly completed.

CASTING MACHINES

Millennium R HD

cod. M37A45HD



Top sale Induction casting unit ideal for precious and non-precious alloys (except Titanium), suitable for up to 40 continuous castings, thanks to new EBST system – Electronic Board Selected Tolerance. Fast castings: 30 gr. of Cr-Co in less than 60 sec.! Possibility to set power of induction avoiding any alloy burning. Low consumption – 2,4 Kw only.

- Max temp. 2000°C
- Self-diagnosis system
- Power of casting is continuously controlled by means of micro-processor
- Motorized movement of the heating coil
- Inner cooling device
- Electronic temperature reader

Millennium S HD

cod. M37B45HD

Same as Millennium R HD, no pyrometer needed, “easy eye” casting system. Equipped with temperature control system.

Centrelcast

cod. CO5B4



New centrifugal casting unit for blowpipe castings. Extremely silent: the new electric motor grants no vibrations and loudness <70 db. The centrifugal arm can be used with any kind of cylinder, from 1x up to 9x, including cylinders for free expansion. Thanks to the sophisticated electronic board installed, it is possible to set up to 10 different acceleration speeds and 10 different rotation speeds of the centrifugal arm. Possibility to grant rotation of centrifugal arm up to 99 sec. consequently cooling of the casting ring is carried out inside the unit. Due to small sizes and limited weight of 35 kg only, Centrelcast can be installed anywhere inside your laboratory.

Ephestos

cod. M46A4

“Induction vacuum pressure”

Compact and extremely reliable vacuum pressure casting unit, suitable to cast any type of precious and non-precious alloy, from 800 to 2000°C. Continuous temperature control at any stage of casting process. Suitable to be used with any casting ring up to Ø 80x90mm: stainless steel, free expansion, conical, cylindrical or squared versions. Adjustable vacuum parameters, suitable to be used with argon gas. Featuring manual or completely automatic casting cycles. Adjustable casting and melting speeds. Adjustable casting time from 10 up to 60 sec.



GALILEO

cod. X48A4

70 Joule effective power concentrated in a compact bench unit. Galileo is ideal to weld any type of dental alloy, including titanium, thus granting maximum precision. Thanks to the inner cooling system, Galileo is suitable for any dental laboratory. Plug & play installation system. Extremely compact dimensions, which make Galileo suitable also for small labs. Strong unit and no maintenance (water replacement once a year!). Wide color LCD display allowing easy modification and setting of any parameter. Possibility to save up to 50 programs. Pulse shaping software, allowing dental technicians to set special shaves, thus granting higher quality on final works. Sleep mode allowing energy saving when laser is not in use. Leds lighting device grants uniform lighting within the working chamber. Software upgrade available through USB key. Stereo microscope with zoom 10x, allowing top vision and precision during all welding procedures in order to avoid any damage to ceramics. Optic protection against UV rays and laser radiations. Welding can be carried out by using also inert/argon gas.



SANDBLASTERS & CERAMICS

Quartetto

cod. B16C4

Microsandblaster equipped with 4 aluminum sylos, allowing the use of 4 different types of abrasives from 50 up to 250 μ . Wide working chamber granting excellent lighting and visibility. Fast switch allowing to pass from one abrasive to the following one with "one touch". Magnetic locking of the main window to reduce dust outflowing. All pencils are very ergonomic and supplied with nozzles of 0.8, 1.2, 1.5 and 2.0mm. Unit equipped with pneumatic system stopping immediately abrasive flowing.



Kerapress

cod. F46A2

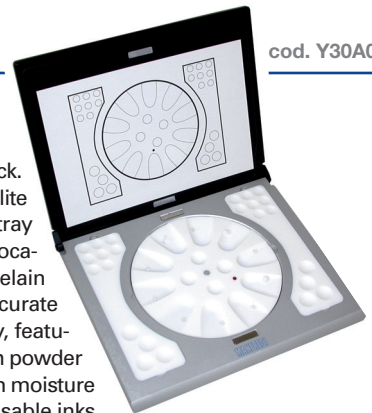
Press/porcelain furnace providing conventional firing, multi-stage firing, and universal pressing capabilities. Designed for firing all-ceramic, two-stage baking techniques, porcelain-fused-to-metal, crystallization, and sintering (1200°C) as well as pressing to zirconium, lithium disilicate, aluminum oxide and metal. Featuring a one-piece firing block/press ring positioner and for quick and easy placement of 100 gr., 200 gr., and 300 gr. press rings. Sintering 1200°C. Includes 200 open programs. 20 dedicated open pressing programs. Decontamination programs. Muffle conditioning. Selectable vacuum type. Night mode. Information port/print program. Built-in self-diagnostics.



Climaker

cod. Y30A0

Highly innovative and ergonomic mixing plate for dental porcelain. Unique design case made of corrosion-proof materials. The top protection is dust-proof thanks to o-ring seal and magnetic lock. Featuring revolving central tray and side trays, all manufactured in Etalite to keep mixture properties unchanged. Featuring central revolving tray with 10 mixing cups & 4 central dry cups. Additional dry cups trays located on each side. Constant imbibition of fibre staples allows the porcelain powder to be ready to use anytime. CLIMAKER is the result of an accurate research on the optimal distribution of porcelain masses on the tray, featuring a top cover mnemonic table, always showing the position of each powder and/or the pigments mixing ratio. A special film protects the table from moisture alterations furthermore allowing note taking, by using pens with erasable inks.



cod. AD124



cod. AD064



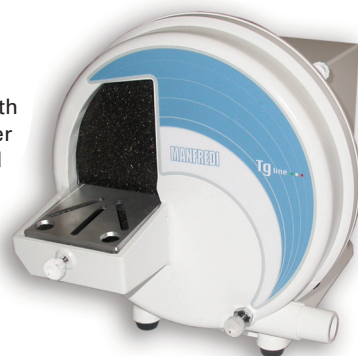
Acrydig 6 - 12

Digital flask polymerizing units. Special cover avoiding vapors scattering or condensation dripping, thus insuring polymerization cycles to be completed in steam-saturated atmosphere. Automatic pre-polymerization and polymerization cycles protecting flasks from excessive cooling. Quick liquid discharge valve as per CE Directives in force. Automatic switch off system protecting the unit against any overheating.

cod. X021A4

Model trimmers with water inlet device, 1400 rpm, equipped with security switch avoiding any accidental start of the motor after electric black-outs. Adjustable working table. Suitable to be used with Carborundum or diamond discs.

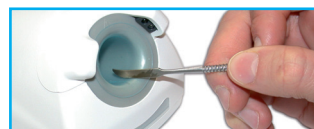
TG line



Bunsen Heatool

cod. X80A4

Electronic induction Bunsen Heatool, specifically designed to reduce use of gas. Maximum safety. Equipped with double proximity sensor allowing to heat the tool in 2 sec. only. When Heatool starts heating, led lights change color from green to red.



MICROMOTORS



FM 35

cod.X68A4

Portable brush micromotor featuring clockwise and anticlockwise rotations. Working speed from 3.000 up to 35.000 rpm. Hand/foot switch. Ideal for final touch in dental practice and nylon materials.

FM 45

cod. X69A4

Top brushes micromotor featuring clockwise and anticlockwise rotations. Speed rising from 1.000 up to 45.000 rpm. 100 watt Power only. FM45 can be equipped whit foot control or with progressive control system to be activated directly from the working bench. Supplied with electronic control system granting good performances anytime even at low regimes. Featuring ceramic front bearing with anti-dust device, granting long life and avoiding overheating. FM45 features "overload" control device indicating when the micromotor is at its maximum capacity. Torque: 4,5 Ncm.



HF 50

cod.X58A4



Heavy duty induction micromotor, variable speed from 1.000 up to 50.000 rpm. Very powerful motor, ideal for large chrome-cobalt laboratories. Torque 7,8 Ncm. Featuring Auto-cruise device allowing constant speed anytime; no need of acting over the foot control. Consumption 230W, Handpiece dimensions 15,9x2,7 cm; net weight 336 gr.; Control unit dimensions 24,5x26x10,5 cm; net weight 3 kg.

TREKO 50

cod. X60A4

Heavy duty induction micromotor, variable speed from 1.000 up to 50.000 rpm. Clockwise and anticlockwise rotations, burs quick release system. Digital display, possibility to locate the control unit over the desk or on the ground; featuring foot or knee control device. Torque 7,8 Ncm. Constant speed even when "forcing" milling procedures on metal. Auto-cruise device, excellent result when used also with "light" materials such as nylon.



MODELLING

Mody one

cod. X74A4



Wax carving device for hand modelling, ideal when supplied with surveyors. The digital display allows continuous temperature control from 50° up to 200°C. Easy replacement of pencils thanks to the ergonomic handpiece.

Mody Touch

cod. X75A4

Mody Touch is the electric wax carving unit allowing “two post” operations. Each unit can set different temperature parameters. “Easy touch” pencil allowing immediate temperature switch (eg. from 105°C – wax temperature – to 50°C for modeling procedures). Supplied with complete set of 6 pencils and special box located on the back of the unit.



Kery One

cod. X76A4



Eco wax carving unit, ideal for dipping technique allowing perfect “gluing” of the wax over the stump.

Kery 3

cod. X79A4

Wax hot pot, featuring 3 heating pots, each one supplied with independent heating system – 3 temperatures available.

