

Since 1993



ANAND MEDIPRODUCTS PVT LTD

AN ISO 9001:2008 CERTIFIED COMPANY



World Class Dental Equipment



Catalogue No.8

www.amprodental.com



Since 1993

ANAND MEDIPRODUCTS PVT LTD (AMPRO)

AMPRO is a group company of the ANAND GROUP. ANAND Group is actively engaged in a vast range of products including Dental equipment and materials. ANAND MEDICAIDS private limited, one of the group company, is the leader in manufacturing and export of SUCTION EQUIPMENT since 1969. The Brand 'ANAND' is popular with all major hospitals in India and is exported to more than 30 countries worldwide. Other group activities can be seen on our websites www.anandind.com and www.anandexim.com.

AMPRO was started in 1993 with the sole aim of providing WORLD CLASS DENTAL EQUIPMENT to the Dental fraternity of India. In the 25 years of inception AMPRO has set up a number of Dental Colleges and Dental Laboratories all over India.

AMPRO specializes in designing & equipping dental colleges & laboratories on turn-key basis. Our consultants are qualified to plan & design the colleges as per DCI (Dental Council of India) regulations.

AMPRO has developed a wide range of laboratory products & phantom head simulator units for dental colleges.

AMPRO undertakes regular ceramic training courses in India & abroad for updating its clients on the latest developments in dental laboratory techniques.

Contact your nearest Dental Depot or write to us at info@amprodental.com for your requirements of a AMPRO world-class product.

For more information, kindly visit us at www.amprodental.com



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Casting Machines



« Ducatron Quattro Induction Casting Machine

MAIN FEATURES:

- Higher starting torque.
- Closed circuit cooling system. The coolant level can be checked annually using the front mounted operating panel.
- Coolant level warning light.
- Cover lock indicator.
- Clear view of the alloy fusion process.
- Touch button control panel.
- Timed end-of-cycle shutdown of the cooling pump.
- Auto standby function when idle for 5 minutes.
- Standard accessories included

TECHNICAL DATA

Power Supply	: 230 V - 50/60 Hz, 2500 W
Generator Power Consumption	: 2000 W
Weight	: 95 kg
Dimension	: 600 x 980 x 620 mm



NEW UPGRADED MODEL



Minicast Bench Top Casting Machine

MAIN FEATURES:

- The alloy is melted by using a blowtorch (supplied as an option).
- The casting arm is driven by an electric motor.
- The rotation time can be programmed.
- The cycle is automatic.
- The protective cover is locked during the centrifuging time.

TECHNICAL DATA

Rotation Speed	: 500 rpm/min
Rotation Time	: 6 to 60 s
Power	: 230 V- 50/60Hz, 400 W
Weight	: 50 kg
Dimension	: 330 x 700 x 530 mm



AMPRO Centrifugal Casting Machine



MAIN FEATURES:

- Releasing lever for safety
- Four stainless steel flask rings
- 2 crucible attachments with crucibles one for small crucible and one for big crucible
- 4 rubber ring base former
- One aluminium ring base former
- 3 stainless steel cradles for holding the ring with one fixed balance weight

TECHNICAL DATA

Height	: 26 cms
Die of Base Plate	: 17 cms
Lever Length	: 10"
Arm	: 39 cms
Power Supply	: 230 V- 50/60 Hz
Weight	: 7.5 kg
Dimension	: 26 x 17 x 39cm



Casting Machine & Vacuum Pump



Inducast Casting Machine with Vacuum & Pressure



Inducast is a vacuum pressure casting machine that brings many advantages, such as fusion under vacuum (or under protective gas) to the injection of alloy through pressure. It is equipped with a new type of crucible (registered model) that allows the direct vision of the melting alloy during fusion. Its staggered connections with the casting ring avoid the utilization of ceramic joints.

- High precision of casting
- Introduction of Argon gas
- Built-in cooling circuit and vacuum pump.

Vacuum level : 0.8 Bar
 Maxi pressure : 3.5 Bars
 Maximum heating temperature : 1600 °C
 Maximum weight of alloy : 60 g

Casting ring dimensions
 Mini : Ø 50 x 55 mm
 Maxi : Ø 100 x 70 mm

Gas : Argon

TECHNICAL DATA

Power Supply : 230 V- 50/60Hz, 2500 W
 Weight : 110 kg
 Dimension : 1200 x 690 x 560 mm

AMPRO Vacuum Pump Oil-free Piston Pump >>

MAIN FEATURES:

- Outflow : 51 L/min (50 Hz)
55 L/min (60 Hz)
- Limited vacuum : 740 mm/Hg - 29, 13 in/Hg
- Rate current : 1.95 or 2.38 A
- Capacitor : 8 - 30 µf
- Noise Level : 56 dB



TECHNICAL DATA

Power Supply : 230 V- 50/60Hz, 270W
 Weight : 8.7 kg
 Dimension : 210 x 155 x 315 mm



Ceramic Furnace

e.ON
Ceramic & Pressing Furnace >>

COMMON FEATURES:

- 7' (16/9) colour touch screen with cover glass
- Specific HMI* developed by Ugin'dentaire
- Android navigation
- Customizable display
- UTS firing chamber (Ugin Technology System)
- Display with 6 languages : FR-EN-ES-DE-IT-RU
- Graphical visualization of programs
- Data transfer and storage via USB stick
- Traceability of work pieces (PDF files)
- Connection of peripherals to USB port via hub multiport (not supplied)
- Manual and directions for use can be viewed on the furnace via touch screen
- Removable storage tray for the work pieces
- *HMI: Human Machine Interface



e.ON 200

- 100 porcelain firing programs + 100 related favourite programs
- 100 special porcelain firing programs + 100 related favourite programs

TECHNICAL DATA

Power Supply : 230 V- 50/60Hz
Weight : 22 Kg
Dimension : 615 x 330 x 450 mm

e.ON 250

- 50 porcelain pressing programs + 50 related favourite programs
- Single and multi-point electro pneumatic injection (maximum cylinder = Dia m 80mm)
- 100 porcelain firing programs + 100 related favourite programs
- 100 special porcelain firing programs + 100 related favourite programs

TECHNICAL DATA

Power Supply : 230 V- 50/60Hz
Weight : 27 Kg
Dimension : 705 x 330 x 450 mm

<< Artis
Furnace for firing high and low fusing ceramics



MAIN FEATURES:

- 100 free programs.
- New 'Ugin' Technology System heating chamber.
- Exceptional firing quality.
- Quartz-sheathed resistance.
- Precise control.
- Electrical safeguards.
- Real-time program correction.
- Intuitive navigation (5 languages)
- Excellent readability.
- Elegant and understated design.
- Small Size.
- Wide brushed aluminium shelf.
- Printer connection.
- Available with oil free vacuum pump.

TECHNICAL DATA

Power Supply : 230 V- 50/60Hz, 1200W
Weight : 19.5 kg
Dimension : 520 x 300 x 420 mm



Burnout Furnaces



« Programix 50
Burnout / Pre-heating Furnace



MAIN FEATURES:

- High thermal yield
- Reduced energy consumption
- Compact size
- Modular electronic valve
- Protection against corrosion (electrogalvanized steel and epoxy paint)
- Stainless steel door
- Monobloc cast ceramic muffle
- No. of programs 30
- Program regulation 0 to 19 in 3 level stages
- Program regulation 20 to 29 in 6 level stages

TECHNICAL DATA

Power Supply	: 230 V- 50/60Hz, 2000 W
Weight	: 34 kg
Dimension	: 500 x 390 x 440 mm

AMPRO
Burnout Furnace »

MAIN FEATURES:

Burnout Furnace with Ceramic Fibre insulated and made with thick Mild Steel Sheet. The furnace is insulated with Ceramic Fibre Blanket heavy duty. Heating element made of Kanthal wire spiral type. Heavy duty ceramic fibre blanket is used for better insulation and avoid heat losses. All furnaces are provided with indicator. The furnace is quick heating type and time of heating can be varied as per customers requirement. The apparatus is complete with silver thermal fuse with two meter power lead to operated at 220 / 230 volts.

- Maximum Temperature 1200 °C
- Working Temperature 1150 °C
- With Digital Display Cum Controller

TECHNICAL DATA

Power Supply	: 230 V- 50/60Hz, 2.5 K.W.
Weight	: 30 kg
Dimension	: 100 x 100 x 225 mm



Vacuum Mixers



Ugivac Vacuum Mixer



MAIN FEATURES:

- Electronic Timer
- Digital Display
- Adjustable Vacuum Level
- Automatic coupling system
- Rotation speed 400 tr/min
- Delivered with 2 bowls : 250 cc & 500 cc
- In-built filter

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz, 100 W
Weight	: 11 kg
Dimension	: 180 x 255 x 230 mm



Mix-R Vacuum Mixer

MAIN FEATURES:

- Wall mounted vacuum mixer.
- Adjustable mixing speed and possibility to reverse the paddle direction providing smoother and more homogeneous mixing.
- Programmable timer with buzzer at the end of the cycle.
- Accurate and constant vacuum miming
- Supplied with 500 cc bowl.

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz, 140W
Weight	: 8.7 kg
Dimension	: 220 x 250 x 430 mm



AMPRO Vacuum Mixer

MAIN FEATURES:

- Bubble-free mixing of investments and stones under vacuum.
- Two mixing pot sizes available for investments, silicones and dental stones.
- Digital timer for setting mixing time provided.

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz
--------------	------------------



Sand Blasters



« **Basic eco**
Fine sandblasting unit



MAIN FEATURES:

- Uniform flow of abrasive guarantees homogeneous surface conditioning.
- Reduction in operating costs thanks to very low abrasive consumption.
- Efficient operation due to placement of the tank selection switch on the inside of the blasting chamber.
- Tank extension and connection of pressure hoses can be performed using the color-coded system in-house by any personnel.
- Longer service life of the IT nozzles made from special tungsten carbide.
- Blasting chamber volume: 10 l

TECHNICAL DATA	
Power Supply	: 230 V 50/60 Hz
Weight	: 5.5 kg (empty, 2-tanks)
Dimension	: 350 x 275 x 400 mm



Base 3 Sand Blaster
With two tanks with recycling nozzle

MAIN FEATURES:

- Divesting Nozzle for recyclable abrasive 3.0 mm nozzle
- EASY micro blasting tanks for disposable media fitted with 0.8 mm nozzle (0.5 - 0.8 - 1.2 - 2.0 mm nozzles available on request)
- Air Filter
- Pressure gauge and foot control
- Pre-fitted for connection to WAFIS and PRO-3. Suction system

TECHNICAL DATA	
Power Supply	: 230 V 50/60 Hz, 60 W
Weight	: 11.8 kg
Dimension	: 415 x 400 x 445 mm

» **AMPRO**
Sand Blaster



MAIN FEATURES:

- Sand Blaster (Dual tank) for abrasion
- Free working on casting with nozzle allowing contamination free smooth finish of articles,
- Built with light-weight material,
- Exhaust filter for pollution free atmosphere and large glass window for easy viewing.
- Supplied with 2 nozzles

TECHNICAL DATA	
Power Supply	: 230 V 50/60 Hz
Weight	: 9.5 kg
Dimension	: 375 x 400 x 425 mm



Surveyor / Milling



Surveyors / Parallelometers
Surveyors "B" Type

MAIN FEATURES:

- 1 double-joint arm with pantograph movement ideal for the model planning stage and layout of reference points

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz
Weight	: 4 kg
Dimension	: 190 x 210 x 310 mm



ISO Color Top
Surveyor & Milling Unit

MAIN FEATURES:

- With air
- With light
- With lifting device
- Double-joint arm to support any micro motor
- Turbine or hot spatula
- Most suitable to carry out milling operations
- Complete with model-holder base
- Stainless steel working plan.
- Also available without air, light & lifting device

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz, 6 w Revolving halogen lamp, 6W absorption
Weight	: 7 kg
Dimension	: 200 x 340 x 330 mm





Model Trimmers



« **MT3 Wet trimmer
(Single Disk)**



MAIN FEATURES:

- Quick change of the trimmer table angle using the practical tipping mechanism (90°/ 98°).
- Safety: when the front door is opened a safety switch stops the motor and water.
- Uniform coverage by the optimally positioned spray tube prevents clogging of the trimmer disc.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 1300 W
 Weight : 13.2 kg
 Dimension : 305 x 330 x 410 mm



**Model Trimmer Dry
(Single Disk)**



MAIN FEATURES:

- Waterless
- Speed 1400 rpm.
- Electric socket for automatic connection to the extraction system.
- Long life diamond coated disc.
- Average-high speed assuring a good polishing effect of the surface whilst cutting down the possibility for the abrasive disc to gum.
- Electromagnetic safety switch avoiding the machine from starting up accidentally after a voltage drop.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 600W
 Weight : 15.7 kg
 Dimension : 320 x 430 x 350 mm



**Model Trimmer Wet
(Single Disk)**



MAIN FEATURES:

- Wet model trimmer
- Speed 1400rpm.
- Load solenoid valve adjusting the quantity of water.
- Bakelite disc is reversible.
- A diamond coated disc can be installed at any time.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 600W
 Weight : 15.7 kg
 Dimension : 320 x 430 x 350 mm



Model Trimmers



AMPRO
Model Trimmer Wet
(Single Disk)

Model Trimmer with 10" Coarse Cutting imported stone wheel.



TECHNICAL DATA

Power Supply : 230V AC, 50/60 Hz, 600W
Weight : 15.7 kg
Dimension : 320 x 430 x 350 mm



AMPRO
Model Trimmer Wet >>
(Double Disk)

MAIN FEATURES:

- 2800 RPM Double Motors 1 HP each
- Heavy duty equipped with two ball bearing each motor
- Single speed,
- Continuous rating with fixed on e imported 10" coarse cutting stone and one 10" Indian polishing stone wheel
- Heavy base
- Inlet-outlet water flow system with PVC pipe 2 mtrs. Each

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz



<< **AMPRO**
Palatial / Arch Trimmer

MAIN FEATURES:

- Trims the inside and outside surfaces of plaster models with carbide or diamond tools mounted in the spindle that rotates at 5,000 RPM.
- Cuts rapidly and leaves a smooth finish.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz



Polishers / Lathe / Suction for CAD/CAM System

AMPRO
High Speed Alloy Grinder >>

MAIN FEATURES:

- Eagle Brand R2 high speed drilling bit and imported motor.
- All kinds of cutting and polishing for various pint sized metal, resin, or plastic work pieces and craftwork.
- Integrated drilling bit and motor at the same time
- Quickly replace various cutting pins, bits and cutting pieces.
- High rotation speed, fast cutting and grinding and low noise.
- Ideal specialized device for dental technicians.



TECHNICAL DATA

Power Supply : 230V AC, 50/60 Hz, 250W
 Supply Voltage : 220V, 50Hz / 110V 60Hz
 Rotation Speed : 17500 r.p.m
 Weight : 18 kg
 Dimension : 415x380x330 mm



>>
AMPRO
Dental Lathe

MAIN FEATURES:

- ½ HP 2800 R.P.M heavy duty rating
- 3 attachment (Buffer, Stone and Bur) & D.B.B Cable Arm.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz



Silent Compact CAM
Suction for CAD / CAM System

MAIN FEATURES:

- Bi-directional communication between extraction unit and CAM unit thanks to the SPS interface.
- Low operating noise of max. 56,9 dB(A).
- 1,000 operating hours guaranteed with the suction turbine due to innovative transformer control.
- Uninterrupted workflow due to easy motor change within a few minutes.
- No follow-up costs due to bag-free dust collection.

TECHNICAL DATA

Power Supply : 230V AC, 50/60 Hz, 490 W
 Weight : 13.2 kg
 Dimension : 245 x 440 x 500 mm



Dental Hanging Engine / Pneumatic Hammer Chisel



AMPRO

Dental Hanging Engine

MAIN FEATURES:

- 18,000 R.P.M
- Imported three B.B cable arm
- 5 speed foot controller.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 400W



AMPRO

Pneumatic Hammer Chisel

Designed and manufactured for deflasking and working stone models, with 3 tips. Filter Regulator, oiler attachment kit and control pedal are optional.





Die Pin System



**A5601 Cut
Stump Separating Unit**

MAIN FEATURES:

- Stump separating unit with magnetic base to lock the model-holder fix in place.
- Very thin diamond disc for precision cutting.
- The unit is equipped with protection screen and dual controls – for safety reasons, it must be operated by both hands.
- Spot lighting and vacuum connection.

TECHNICAL DATA

Power Supply : 230v AC 50/60 Hz, 100W
 Weight : 14.4 kg
 Dimension : 230 x 500 x 360 mm



**Laser Pin
Pindex Machine Laser Pin-Drilling Unit**

MAIN FEATURES:

- Precision laser pinhole drilling unit.
- The accurate drill hole positioning system and the easily adjusting working position offer the best warranty for excellent results.
- Zeiser type drill supplied with.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 150W
 Weight : 15 kg
 Dimension : 250 x 260 x 420 mm



**AMPRO
Laser Pinning Unit**

MAIN FEATURES:

Due to laser beam the pins are placed easily quickly and safely. The bright laser beam allows to fix the drill point precisely.

TECHNICAL DATA

Voltage : 110V/60Hz ~ 230V/50Hz
 Power : 180W
 Speed : 3500rpm
 Weight : 5.5 Kgs
 Dimension : 150 x 160 x 330 mm



AMPRO

Mini Curing Light (2 UVA Tubes)

MAIN FEATURES:

Polymerize for 2 models use

TECHNICAL DATA

Voltage	: 220/240 V 50/60 Hz
Alternatively	: 110/120 V 60 Hz
Emission range	: 350 – 400 nm
Spectrum	: Not dangerous
Power consumption per lamp	: 9 W
Weight	: 1.5 Kgs
External Dimension	: 280 x 180 x 110 mm



AMPRO

Vacuum Forming Machine

MAIN FEATURES:

Universal unit for all application in the dental deep-drawing technique.

TECHNICAL DATA

Voltage	: 110V/60Hz ~ 230V/50Hz
Power	: 800W-110V ~ 600W-230V
Heater	: 500W-110V 400W-230V
Weight	: 6 Kgs
Dimension	: 250 x 180 x 300 mm



Electric Wax Knives



Renfert

Waxlectric I

MAIN FEATURES:

- Integrated holders provide ergonomic access to the handpiece and exchange tips.
- Direct setting of the maximum or minimum temperature.
- Daylight operable 3-figure LED display.
- Color-coded for controlled management of the handpiece.

TECHNICAL DATA

Power Supply : 230v AC 50/60 Hz, 5W
 Weight : 430 g
 Dimension : 120 x 60 x 98 mm



Renfert

Waxlectric light I

MAIN FEATURES:

- No contraction in the pattern, as the wax is neither overheated nor burned.
- The technician can concentrate more on the pattern and less on the tools and instruments.

TECHNICAL DATA

Power Supply : 230v AC 50/60 Hz, 5 W
 Weight : 410 g
 Dimension : 91 x 53 x 80 mm



Renfert

Waxlectric II

MAIN FEATURES:

- Integrated holders provide ergonomic access to the handpieces and exchange tips.
- Direct setting of the maximum or minimum temperature.
- Daylight operable 3-figure LED display.
- Both channels can be set separately with the Waxlectric II.
- Color-coded for controlled management of the handpieces.

TECHNICAL DATA

Power Supply : 230v AC 50/60 Hz, 10 W
 Weight : 460 g
 Dimension : 150 x 60 x 98 mm



Renfert

Waxlectric light II

MAIN FEATURES:

- No contraction in the pattern, as the wax is neither overheated nor burned.
- The technician can concentrate more on the pattern and less on the tools and instruments.
- The Waxlectric II can be operated with two handpieces simultaneously.

TECHNICAL DATA

Power Supply : 230v AC 50/60 Hz, 5 W
 Weight : 430 g
 Dimension : 91 x 53 x 80 mm



« **Pressojet**
Steam Cleaner

MAIN FEATURES:

- Water level safety device.
- Audible signal.
- indicator light and electrical cut out.
- Steam gun outlet and additional dry vapor outlet via fixed nozzle
- Efficiently cleans tour denture work in complete safety.
- Stainless steel water tank of 4 liters (Operating capacity 3 liters)
- Pressure 3.5 bars.
- Foot control for electro-valve.
- Water level indicator.

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz, 1600W
Weight	: 12 Kgs
Dimension	: 320 x 320 x 330 mm



Ducagel - ZI
Gel Duplicating Machine

- Heating Homogeneity, Eliminating Overheating Risks
- 2 Possible Compounding Procedures-Continuous/Intermittent
- 10 Programs

TECHNICAL DATA

Power Supply	: 230V 50/60 Hz, 800W
Rotation Speed	: 30 tr/min
Capacity	: 6 kg
Weight	: 20 kg
Dimension	: 325 x 460 x 410 mm



Hydraulic Flask Press



MAIN FEATURES:

- Described as reliable.
- Easy to use with sturdy
- Durable construction.
- Can accommodate up to three flasks
- Pressure of 400bar.
- The oleo dynamic circuit is absolutely leak-proof and no maintenance is required.

TECHNICAL DATA

Power Supply	: 230 V 50/60 Hz
Weight	: 22 kg
Dimension	: 200 x 200 x 550 mm



AMPRO

Electrolytic Polishing Unit >>

MAIN FEATURES:

- Applications for non oxidizing dental alloys.
- Provides surfaces with bright, glossy and durable luster.

TECHNICAL DATA

Power Supply : 220 V 50/60 Hz
 Weight : 9 Kgs
 Dimension : 175 x 245 x 150 mm



>>
AMPRO
Vibrator

MAIN FEATURES:

- Vibrator capacity 3-4 Casting Cylinder,
- Removable rubber plate for easy cleaning,
- Fitted with controller for variable vibrational frequencies.

TECHNICAL DATA

Power Supply : 230V AC, 50/60 Hz



>>
AMPRO
Plaster Dispenser

MAIN FEATURES:

- Electric controlled unit for dispensing required quality of plaster at steady rate with On/Off control switch.
- Capacity-10Kg. Can be wall mounted

TECHNICAL DATA

Power Supply : 230 V AC, 50/60 Hz

Phantom Head / Teaching Aids



AMPRO Phantom Head Simulator Unit >> with Single Head

MAIN FEATURES:

Phantom Head Simulator Unit includes:

- Motorized Phantom Head with in-built Halogen light.
- Airotor control box with controls for Airotor.
- Pneumatic Stool, Phantom head with half fibre glass body.
- Micromotor Control hand pieces - (Optional) and 3-way syringe.
- Motorized Up & Down movement of body.
- Dedicated Control Panel.
- Imported Glass Reflector.
- Typodont Jaw Set with 32 ivory teeth.
- Enamel Finish.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz



AMPRO << Phantom Head Simulator Unit with Dual Head

MAIN FEATURES:

Phantom Head Simulator Unit includes:

- 2 Motorised Phantom Head Simulator Unit with in-built Halogen light.
- 2 Motorised head, box and motor
- 2 Typodont Jaw Set with 32 ivory teeth.
- 2 Airotor control box with controls for Airotor.
- 2 Micromotor with control box and 3 - way syringe.
- 2 Pneumatic Stool 2 Imported glass reflector.
- Motorized up & down movement of body.
- Touch Pad control panel.
- Enamel Finish.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz





AMPRO
 << **Phantom Head**
Dental Study Model - Plastic Head

MAIN FEATURES:

- Articulated upper & lower jaws having 32 resin screw able teeth.
- Inbuilt drainage system
- 36 natural head TMJ movement viz. lateral anterior, posterior etc.
- Attachment for mounting on table (fixed / removable)
- Height Adjustable.
- Easy Installation.
- Easy to change teeth.

AMPRO
Phantom Head >>
Table Model - Rubber Mask

MAIN FEATURES:

- 32 Typodont Ivorine Teeth
- Face Mask With Drainage System
- Metal Articulator
- Adjustable Arm Height For Table
- All Natural Movement Posterior / Lateral Anterior



AMPRO
Jaw Set
With Plastic Articulator >>

MAIN FEATURES:

- 32 Typodont Ivorine Teeth
- Plastic Articulator
- Soft Gums.



AMPRO
Jaw Set
With Metal Articulator >>

MAIN FEATURES:

- 32 Typodont Ivorine Teeth
- Metal Articulator
- Soft Gums.





CAD / CAM



ceramill® mikro ic
THE INHOUSE MOVEMENT

- High Performance processing due to DNA milling/grinding strategies
- Carving Mode reduces processing times of blocks up to 60 %
- Solid design enables the highest degree of precision with maximum feed rates
- Special holder design ensures easy handling and accuracy when processing hard materials (titanium, glass-ceramics etc.)

THE POWER PACK WITH THE "CARVING MODE".



"Carving Mode"
– excess material is being cut off as a whole



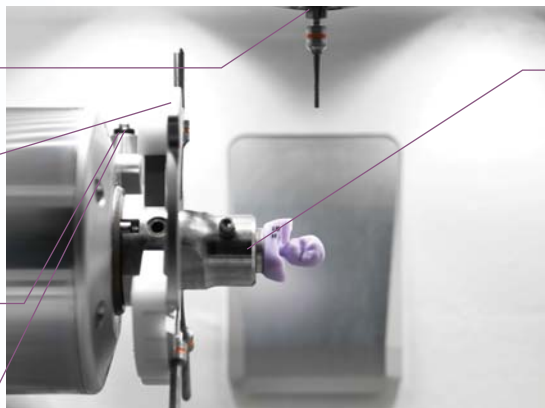
- GRINDING
- CARVING
- up to 60% saving in time during grinding

Super-high frequency spindle
highly precise, stable, quiet running

8 tool spaces
with automatic tool changer

Tool length measuring unit
incl. fracture check

Presence sensor
for milling tools



Blank holder
conversion in only a few steps

Interior lighting
for visual control of milling

Coolant supply tank connection
large volume capacity ensures long operating cycles



ceramill® map400 Scanner



ceramill® airstream Suction



ceramill® therm 3 Sintering Furnace



ceramill® match 2 Milling Software



ceramill® mind Scanner Software



CAD / CAM

ceramill® motion 2 5x
THE INHOUSE MOVEMENT



DNA-GENERATION NEW

- High Performance milling, grinding, carving due to DNA milling/grinding strategies.
- Maximum range of materials and indications thanks to 5-axis wet and dry processing in one unit.
- Innovative processing procedures ensure maximum ROI (e.g. rotational milling of titanium, processing of full dentures)
- Intelligent machine design guarantees optimum protection of all electronic components during wet operation.



Simultaneous 5-axis process for maximum range of indications



Suction cup for enhanced suction performance and minimised dust infiltration in the machine during dry processing



Easy change of the blank holder for conversion from milling to grinding



Ceramill Coolstream – integrated coolant preparation in the trolley and connection for the Airstream extraction during dry processing



Super-high frequency spindle
highly precise, stable, quiet running

Tool length measuring unit
incl. fracture check and calibration

Blank holder
exchangeable, depending on material or indication

6 tool spaces
with automatic tool changer



Blank holder and wet/dry processing mode
in only a few steps

Suction cup
for increased suction and reduction of spray water performance

Coolant supply tank connection
large volume capacity ensures long operating cycles



ceramill® map400
Scanner



ceramill® airstream
Suction



ceramill® therm 3
Sintering Furnace



ceramill® match 2
Milling Software



ceramill® mind
Scanner Software



SHINING 3D®

AutoScan-DS-EX Pro >>>
Dental 3D Scanner

AutoScan-DS-EX Pro features a compact size, lightweight, versatile functions, and outstanding scan speed. It is highly suitable for data capturing in restorations, orthodontics and implant cases. It comes integrated with two projector options – blue light or white light.



OPTION FOR WHITE OR BLUE LIGHT



Color Texture



Black & White Texture

OUTSTANDING SCAN SPEED

SHINING 3D's newest addition to our dental 3D scanners lineup, the AutoScan-DS-EX Pro, features a compact size, lightweight a number of versatile functions, and outstanding scan speed, to meet our customers' demands for numerous scan. It is highly suitable for data capturing in restorations, orthodontics and implant cases. It comes integrated with two projector options – blue light and white light. The scanner meets customers' different expectations for various applications. Thanks to the combination of superior scanning speed and high accuracy, the AutoScan-DS-EX Pro is destined to bring the global digital dental industry to yet a much higher level.

HIGH EFFICIENCY

Bite: 8s, upper/lower jaw: 15s, 1-8 dies: 15s, impression: 70s

COMPACT SIZE

AutoScan-DS-EX Pro with its compact size is a portable scanner. Its open structure guarantees easy and convenient maintenance and model placement

OPEN SYSTEM

Export STL data, high compatibility with current open CAD/CAM software in the market.

FULL-FUNCTION 3D SCANNER

Dental impressions, gypsum models, wax-ups, articulators, dies and textures for dental cases

TECHNICAL DATA

Camera Resolution	: 1.3 mega pixel
Accuracy	: ≤10µm
Scanning Time	: Bite: 8s, Upper/Lower Jaw: 15s, 1-8 dies: 15s, Impression: 70s
Dimension	: 260mm *270mm *420mm
Weight	: 5 kg
Output Format	: STL, OBJ
Interface	: USB 3.0
Power	: DC 24 V
Light Source	: White/ Blue Light Optional



SHINING 3D®

AutoScan-DS-EX >>> Dental 3D Scanner

AutoScan-DS-EX is an unexpectedly cost-effective option for the dental market. This brand new 3D dental scanner will amaze the dental world with its unmatched small footprint and unprecedented light-weight. This will make it the ideal scanning solution for any dental service bureau and labs with restricted space.



Portable Size



Articulator Scanning



Impression Scanning



Open System



Texture Scanning



Detachable Module

COST-EFFECTIVE DENTAL 3D SCANNER

The AutoScan-DS-EX is specifically developed for the dental market. It adopts the latest structured light 3D scanning technology to provide accurate and efficient solutions for those who focus on productivity and cost-effectiveness.

The AutoScan-DS-EX 3D scanner provides an optimal data post-processing option through LAN network, and a revolutionary structure that allows easy upgrades for the foreseeable future. It is your ideal digital lab companion. AutoScan-DS-EX 3D scanner can be applied to different levels of dental laboratories, dental vocational colleges, dental clinics, etc. Its intuitive design and automatic work-flow brings incredible benefits to dental labs and vocational education centers of dental technology.

FEATURES

Fully Open Structure support the 3D scanning of most articulators available in the market, such as Artex, KAVO, etc.

MULTIPLE FUNCTIONS AVAILABLE

- Articulator scanning : support the 3D scanning of most articulators available in the market, such as Artex, KAVO, etc.
- Triple-tray scanning : more convenient triple-tray impression scanning with optimized jig.
- Texture scanning : marks on dental models can be captured clearly, providing reference for further design work.
- Continuous Scanning : The AutoScan-DS-EX provides an optimal data post-processing option through LAN network.

CLINIC MODE ADDED

With the clinic mode, desktop 3D scanner can be applied to dental clinics directly to support chair-side restoration solutions.

OPEN DATA FORMAT

Export STL data, high compatibility with current open CAD/CAM software and hardware in the market.

TECHNICAL DATA

Camera Resolution	: 1.3 mega pixel
Accuracy	: < 15 μm
Scanning Range	: 100 mm * 100 mm * 75 mm
Scanning Time	: bite: 18 s; Upper/Lower Jaw: 42 s; 1-8 dies: 42 s; Impression: 90 s
Scanning Principle	: Structured Light 3D Scanning
Temperature	: 10 °c-30 °c (higher temperature will affect the scanning result)
Dimension	: 260 mm * 270 mm * 420 mm
Weight	: 5 kg
Output Format	: STL, OBJ
Interface	: USB 3.0
Power	: AC 24V



Consumables



Saphir

High-luster polishing paste for precious metal and chrome-cobalt alloy crowns and bridges.



Kolinsky

Natural bristle brush made from Kolinsky red sable bristles – quality and aesthetics combined.



Takanishi

Very high quality synthetic bristle brush which has been well proven for many years for the optimal porcelain build-up.



Bison Polishing Brush

This unique mixture of bristles ensures a powerful and quick high-luster polish on alloys, porcelain and acrylic facings..



Caliper

Precision measuring instrument
Precision instrument which can be read from both sides.



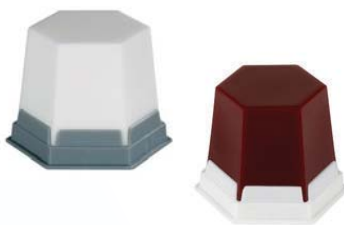
Cotton buff

For high-luster polish on acrylic teeth and facings using the handpiece.



Picosep

Separating agent
Thin, silicone based isolating agent – specially developed for wax-dipping techniques.



GEO Classic

Snow-white, white-opaque
Medium-hard, inorganic modeling wax for creating functional wax-ups.

Cervical wax, bordeaux-transparent

Hard, organic, tension-free cervical wax with very low shrinkage. Burns-out residue-free.



Renfert Polish All-in-One

Polishing paste for universal use, with a wide spectrum of diamond grain sizes.



Consumables



Ugivist 38 is an investment for Chrome - Cobalt with smooth vitrified surface & High precision of casting. Available in white color.

Expansion liquid Ugivist plus.
(Box of 15kgs) 75 pouches of 200gms each with 1ltr liquid.



Crucible CARBON for Ducatron Serie 3. (Sold by 3 units)/Kerr type (Sold by 5 units)



Alumina Sand 50/100/150/250 microns. Its Utilization Surface retention is on all types of Air pressure $\frac{3}{4}$ bars Diam, Nozzle 0.8mm to 2mm. Available in 10 Kg packs



Ugicast 24 for precision investment of precious and non-precious alloys. Main features include, plaster less, controlled expansion, highly precise casting, smooth surfaces and fine granulometry. (Box of 6.08 kgs) 38 pouches of 60gms each with 1ltr liquid.



Ring liner for expansion (without asbestos)
- In the form of strips.
- Length 25 m, height 50 mm, thickness 1 mm



Wax/Ugifil for precision investment of precious and non-precious alloys. Main features include, plaster less, controlled expansion, highly precise casting, smooth surfaces and fine granulometry (Box of 453gms). Also available in wire form (Box of 250gms).



Ugirex III Non precious alloy for ceramic (without beryllium). Pack of 100gms. Also available - Alloys for Cr-Co and Ni-Cr alloy for crown and bridge.

Zirconia Blocks



Aidite®
Zirconia SuperfectZir® SHTW >>
 Super high translucency full ceramic zirconia restoration material

MAIN FEATURES:

- By special raw material processing and manufacturing technique, the material owns both brilliant translucency and bending strength.
- Its stable inner structure can ensure the accurate sealing capacity.
- Equipped with Aidite 16 color liquid/26 color liquid, the perfect restoration can be easily made for you.
- SHT has been universally applied in the dentistry due to its remarkable quality.
- Available sizes 10mm, 12mm, 14mm, 16mm, 18mm & 20mm

INDICATIONS: Coping, coping bridge, full contour crown, full contour crown bridge



⋈
Aidite®
Zirconia SuperfectZir® STW
 Super translucency full ceramic zirconia restoration material

MAIN FEATURES:

- It is a good choice for dentists, who concern more about the unit price; Advantages: good & stable quality, reasonable sales price, 39% light transmittance. It can be used for coping and full zirconia/contour
- Available sizes 10mm, 12mm, 14mm, 16mm, 18mm & 20mm

INDICATIONS: Coping, coping bridge, full contour crown, full contour crown bridge

⋈
Aidite®
Pre-shade Zirconia SuperfectZir® STC
 Super translucency color full ceramic zirconia restoration material

MAIN FEATURES:

- With over 900Mpa bending strength, superior aging resistance and good permeability & translucency, it is easier for technicians to operate. Meanwhile, perfect restoration effect, high quality and reasonable price keep your option open.
- Available sizes 12mm, 14mm, 16mm & 18mm

INDICATIONS: coping, coping bridge, full contour crown full contour crown bridge

Dental Furniture: Clinic / Lab



« **Linea 1**
Workstation For Clinic

Composition W2 + W4 + L(55) + W20/W21
 Accessories LAV.CER + GM/S
 W2 Seven Drawers Model
 W4 Sink model W4
 L(55)
 W21

Modular unit on wheels specially designed to contain the instruments, consumables, trays, towels etc. that are required for the dental chair.

Without top

W20 Modular open unit for autoclave. Without top
 LAV.CER Ceramic basin over-top
 GM/S Mixer set for cold-warm water
 PM/S White laminated plastic top -30 mm thick

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz
 Dimension : 208 x 53.5 x H86.5 cm



Sole 1
Workstation For Lab ⤴

MAIN FEATURES:

- ASOLE1 Workstation for one person.
- Worktop made of laminated plastic.
- Suction Set Complete with variable speed control
- Stainless Steel worktop protection
- Adjustable electronic left hand lamp, 55w Power Supply, 98 Ra, 5300 K. Two drawers complete with internal plastic trays. Central drawer unit equipped with three drawers of which one is lockable. Gas tap and pipe work, Airgun & Micro Motor support.
- Four electrical sockets
- The entire structure, working positions and drawer unit are manufactured in galvanized steel in accordance with standard EN-10152, a first choice for its quality and uniform grade. Painting is completed with enamel powder, polymerized in oven at 180 C, and provides a flexible, strong and homogeneous surface resistant to abrasion, acids, alkalis and solvents.

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz, 55W
 Dimension : 110.5 x 60 cm



Linea 3
Workstation For Clinic ⤴

Composition W19 + W13 + W1 + W20
 Accessories LAV.CER+GM/S
 W19 Modular unit with door and drawer. The unit includes a shelf without top
 W13 Corner unit with door, and has provision for a wash basin. Without top

W1
 W20 Modular open unit for autoclave. Without top
 LAV.CER Ceramic basin over-top
 GM/S Mixer set for cold-warm water
 PM/S White laminated plastic top-30 mm thick

TECHNICAL DATA

Power Supply : 230 V 50/60 Hz
 Dimension : 121 x 171 x 53.5 x H86.5 cm

OUR PRINCIPAL COMPANIES



AUTHORISED AMPRO DISTRIBUTOR:



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as per your requirements and space availability.

