



Unident

Since 1979



47 Years of Trust, Countless Smiles: Unident, Your Reliable Dental Partner

- ✓ DENTAL LAB EQUIPMENTS
- ✓ DENTAL COLLEGE EQUIPMENTS
- ✓ DENTAL CLINICAL EQUIPMENTS

Customer Care : +91 93 199 299 33
For Order : +91 9599 450 480 | +91 8447 045 101

www.unidentindia.in
unident_india@hotmail.com

MISSION & VISION

UNIDENT's story is one woven from collaboration and a deep understanding of the dental industry's needs. Since 1979, when the late Shri Daya Sagar Aggarwal envisioned a future where dental professionals would have access to the most advanced tools, we've been committed to exceeding expectations.

Our legacy began with the introduction of model trimmers and dental lathes that set a benchmark for precision. Even today, these models remain a testament to our unwavering commitment to quality. Mr. Sanjay Aggarwal further expanded our vision, ensuring our product portfolio catered to the evolving needs of dental clinics, colleges, and labs. Mr. Sanjay Aggarwal is also the founding member of ADITI (Association of Dental Industry & Trade of India).

At UNIDENT, we believe in fostering a close relationship with the very people who shape our industry—dentists, lab technicians, and college HOD's. Through regular consultations and meetings, we gain a profound understanding of their daily challenges and aspirations. This continuous dialogue fuels our passion for innovation, allowing us to create customized solutions that empower your craft. CA Ishan Kalra has joined UNIDENT in its 45th year of existence. He has a decade of experience in the banking industry, specifically curating customer-specific products to meet their ever-growing and evolving needs. Today, under his leadership, UNIDENT is embarking on a new era of growth and development with a key focus on catering to dentists with customized clinical products. With a decade of experience in customer-centric solutions, Ishan is dedicated to enhancing our product offerings and elevating customer service to new heights.

The trust placed in us by renowned dental colleges across India is a source of immense pride. Imagine a student dentist first encountering our equipment in their early years of education. This connection with UNIDENT often blossoms into a lifelong relationship—a testament to the reliability and confidence that our brand embodies.

Address: B-307, Ground Floor, Mangolpuri Industrial Area, Phase 1, New Delhi - 110083

Bank Account Details: A/C 09052560001453, HDFC Bank, IFSC HDFC0000158, NN Tower, Pitampura, New Delhi 110034

GSTIN: 07AAACU0271G1ZN

UNIDENT DENMED PVT. LTD.

GSTIN: 07AACCU3308A1ZX
NAME: HDFC BANK
BRANCH: PITAMPURA
A/C NO: 50200035608375
IFSC CODE: HDFC0000158

UNIDENT INSTRUMENTS (INDIA) PVT. LTD.

GSTIN: 07AAACU0271G1ZN
NAME: HDFC Bank LTD.
BRANCH: NN TOWERS, PITAMPURA, DELHI-110034
A/C NO: 09052560001453
IFSC CODE: HDFC00000158

ALE DENT PRIVATE LIMITED

GSTIN: 07AARCA9841P1ZP
NAME: HDFC BANK
BRANCH: PITAMPURA
A/C NO: 50200037613202
IFSC CODE: HDFC0000158

CE CERTIFICATION



ISO CERTIFICATION



Contact: +91 9599 450 480, +91 9818 396 107, +91 8447 045 101, +91 93 199 299 33

Address: 307, Ground Floor & Basement, Block B, Mangolpuri, Industrial Area, New Delhi - 110083

S.No.	Product Name	Page No.
1	High Speed Spindle / Alloy Grinder	1
2	Model Trimmer	2
3	Dental Lathe	3
4	Heavy Duty Lathe with Suction Hanging Motor	4
5	Die Cutting Machine	5
6	Vacuum Mixer Pindex Machine	6
7	Twin Pen Sand Blaster	7
8	Centrifugo Casting Machine	8
9	Palatal Trimmer Arch Trimmer	9
10	Induction Casting Machine	10
11	Duplicating Machine Pneumatic Polymerizing Pot	11
12	Pneumatic Polymerizing Pot Pressure Molding Machine	12
13	Steam Cleaner Denture Injection System	13
14	Argon Welder	14
15	Vacuum Forming Machine	15
16	Electro Polisher Surveyor	16
17	Pneumatic Air Chisel Dental Vibrator	17
18	Amalgamator Dental Press	18
19	Wax Pot Twin Pen Electric Wax Carver	19
20	Compressor Melting Torch	20
21	Plaster Dispenser	21
22	Acrylizer / Polymerization	22
23	Dewaxing Bath Unit	23
24	Muffle Furnace Porcelain Furnace	24
25	Electric Hot Air Oven	25
26	Brushless Clinical Micromotor	26
27	Lab MicroMotor M-4 Pro	27
28	Lab Brushless MicroMotor	28
29	Loupes	29
30	Handpiece	30-31
31	Ultrasonic Cleaner	32
32	Autoclave	33-34
33	Water Distiller Spares	35
34	Hydro Solder Unit Spot Welder	36
35	Vatech EZ Sensor Classic Portable X-Ray Machine	37
36	Milling Machine Cartridge Heater	38
37	Trimmer Dry - Dust Free Gypsum Dust Cabinet with LED	39
38	Deflasking Unit Dust Collector	40
39	Micro Sand Blaster Bioart Articulator	41
40	Premium Vacuum Forming Machine	42

HIGH SPEED SPINDLE | ALLOY GRINDER



UDM-801

Voltage 220V / 50HZ ($\pm 10\%$)
Heavy Duty Motor Horse Power - 1HP
Equipped with 2 Ball Bearing
High Speed Spindle
Led Light
Spindle Speed - 24000 RPM
Without Suction

UD-HSG1

Unident High Speed Alloy Grinder is widely used to polish all kinds of metal in restorative dentistry. The housing of this machine is made of aluminum, which makes it reliable and corrosion resistant. The machine has low noise and high power, the rotational speed can reach up to 14,000 RPM.



- ◆ **POWER : 370W**
- ◆ **VOLTAGE : 220V / 50HZ ($\pm 10\%$)**
- ◆ **ROTATION : 14000 RPM**
- ◆ **PRESSURE TIME : 7M 30S - 11M**
- ◆ **ENGINE : 1/2 HP**
- ◆ **GRINDER WITH INBUILT LED SYSTEM**
- ◆ **WITHOUT SUCTION**

MODEL TRIMMER

Single Disc Model Trimmer

UDM-601

1.0 HP Motor | 2800 RPM | Heavy Base Inlet
Single Speed Heavy Duty Equipped with
2 Ball Bearings | Outflow Water System
Rating Continuous with Buffer



UDM-601 (A)

10" Indian Diamond Wheel

UDM-601 (B)

10" Imported Carborundum
Coarse Cutting Wheel

UDM-601 (C)

10" Indian Carborundum Wheel

Model Trimmer

UD-MT1

Unident Model Trimmer is widely used in restorative dentistry. It is a necessary tool for trimming plaster models. The angle can be adjusted between 0-20° which enables the users to achieve perfect trimming quality.

- ◆ **TRIMMER ANGLE : 75°-105°** ◆ **WEIGHT : 16KG**
- ◆ **WATER PRESSURE : 0.5-2KG** ◆ **POWER : 550W**
- ◆ **VOLTAGE : 220V 50HZ (+ 10%)**



Dry / Wet Model Trimmer

UDM-701

Best for Ortho & Prosthodontics works. Single Speed, 1.0 HP, 2800 RPM, Heavy Duty Equipped with 2 Ball Bearings, Rating Continuous with Buffer & One 12" Indian Diamond Disc.



Double Disc Model Trimmer UDM-6001

Double Motor 1.0 HP each with Single Speed - 2800 RPM | Heavy Base Inlet | Outflow Water System
Heavy Duty Equipped with 2 Ball Bearings each Motor | Rating Continuous

UDM-6001 (A)

10" Indian Diamond Wheel , 10" Imported
Carborundum Coarse Cutting Wheel

UDM-6001 (B)

10" Indian Diamond Wheel , 10" Indian
Carborundum Wheel

UDM-6001 (C)

10" Indian Carborundum Wheel , 10" Imported
Carborundum Coarse Cutting Wheel



DENTAL LATHE

FOR LAB PURPOSE (EM-501 & EM-504)

Lathe UDM-501
Power : 1HP

**Heavy
Duty**



Lathe UDM-504
Power : 1/4HP

**Light
Duty**



Rating continuous with 3 chucks (Buffer, Stone & Bur Chuck).

Three imported ball bearing flexible metal cable arm & its attachment.

Heavy duty motor | Equipped with double ball bearing | Single speed - 2800 RPM

FOR CLINICAL PURPOSE (EM-502 & EM-503)

Lathe UDM-502

250 Watt | Equipped with 4" dia wheel stone
5 speed - 6500 RPM | Rating 60 minutes | Three
imported ball bearing flexible metal cable arm & 2
chucks (Bur & Buffer) with spare carbon set of 2 pcs.



Lathe UDM-503

250 Watt
3 speed - 6500 RPM
Rating 60 minutes with 3 chucks
(Bur, Stone & Bur Chuck)
with spare carbon set of 2 pcs.



HEAVY DUTY LATHE WITH SUCTION



UD-HDL3

- ◆ **VOLTAGE : 220V 50HZ (+ 10%)**
- ◆ **ROTATIONAL SPEED : 3000RPM**
- ◆ **POWER : 300W**

Lathe with Suction

- ◆ **POWER: 500 WATTS**
- ◆ **MAXIMUM PRESSURE: 22 KPA**
- ◆ **MOTOR ROTATIONAL SPEED 3000 RPM**
- ◆ **AIRFLOW AMOUNT: 120 M³/H**
- ◆ **MAXIMUM VACUUM: -12 KPA**
- ◆ **MAXIMUM NOISE INTENSITY: -60 DB**

UD-HDL4



HANGING MOTOR



UDM-1001

Universal, WATT-400, RPM-18000, Rating 60 min. Round type 5 speed foot controller and high speed Three Imported Ball Bearing Flexible metal cable arm with spare carbon set of 2 Pcs.

UDM-101

Universal, WATT-300, RPM-10000, Rating 60 min. Round type 5 speed foot controller and high speed Three Imported Ball Bearing Flexible metal cable arm with spare carbon set of 2 Pcs.





DIE CUTTING MACHINE

UD-DC2

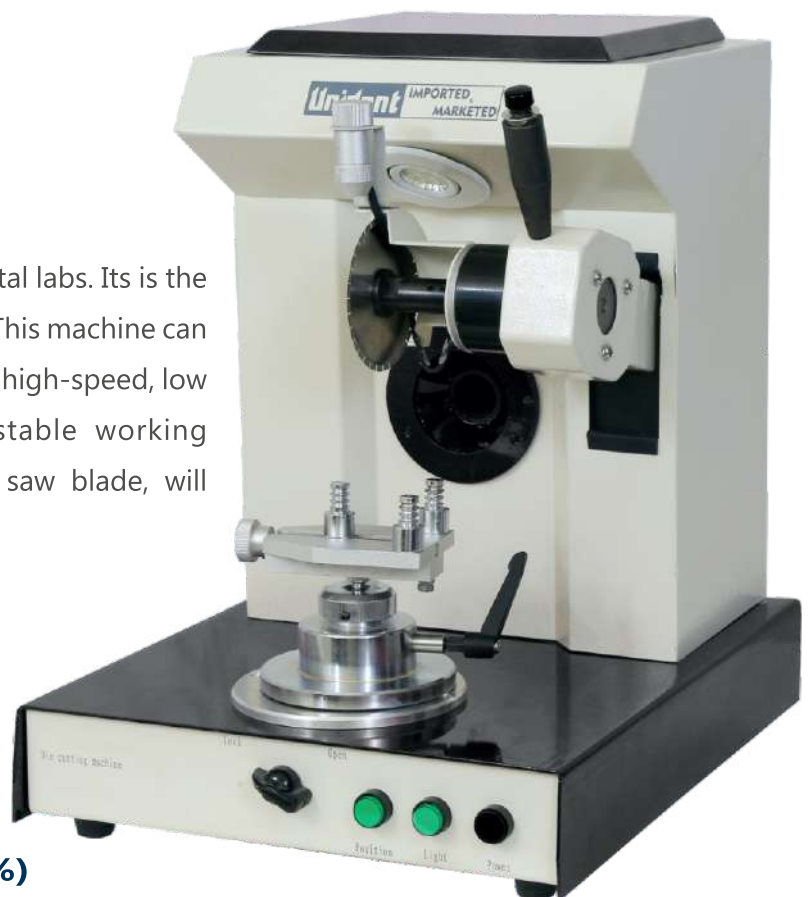
- ◆ **LASER INDICATOR**
- ◆ **DFS DIAMOND CUTTING DISC**
- ◆ **0.28 THICKNESS, 90MM DIAMETER**
- ◆ **VOLTAGE : 220V 50HZ ($\pm$ 10%)**

DIE CUTTING MACHINE

UD-DC3

Unident Die Cutting Machine is used in dental labs. Its is the ideal equipment for cutting dental models. This machine can replace the traditional handsaws. It features high-speed, low noise, stable rotation and angle-adjustable working platform. The highly reinforced tungsten saw blade, will provide excellent cutting.

- ◆ **POWER : 160W**
- ◆ **ROTATION SPEED : 2800 RPM**
- ◆ **SAW BLADE THICKNESS : 2MM**
- ◆ **DIMENSIONS : 47 X 37 X 34 CM**
- ◆ **VOLTAGE : 220V 50HZ ($\pm$ 10%)**



Warning:

1. Please wear a safety goggle before operating the machine.
2. Please do not cut with harsh force, otherwise the thin saw blade may break, it may even cause injuries to users.

VACUUM MIXER

UD-VM3

- ◆ **GROSS WEIGHT : 27KG**
- ◆ **VOLTAGE : AC 220V ($\pm$ 10%)**
- ◆ **BOWL CAPACITY : 500 ML**
- ◆ **POWER : 150W**
- ◆ **DIMENSION : 42 X 43 X 58 CM**

Unident Vacuum Mixer is used for mixing and vibrating investment materials and molded materials. As the mixing process is done in a vacuum state, the workpiece is free of bubbles, and firmness and compactness of the mold has also been improved. Our vacuum mixer is a table type machine; it will work normally combined with the air compressor.



**Heavy Jar
For Mixing**



PINDEX MACHINE

UD-LP1

- ◆ **POWER : 60W**
- ◆ **VOLTAGE : 220V / 50HZ ($\pm$ 10%)**
- ◆ **MOTOR ROTATION : 2800RPM**
- ◆ **VOLTAGE OF LASER : 3V 350MA**



Unident Laser Pin Machine is used for the preparation of porcelain teeth. It is mainly used in the processing plaster molds and plaster nails. It has the advantages of high rotational speed, low noise, high precision and easy operation. This machine has a laser positioning system. The working platform and the main axis match precisely which ensure the quality of drilling. The depth of drilling can be adjusted by a rotary switch. The minimum adjusting depth is 0.15mm.

TWIN PEN SAND BLASTER

Unident Twin Pen Sand Blaster Unit is used to polish the surface of porcelain crowns in dentistry. It is necessary dental equipment. It has a large window and the twin-pen can be used to polish materials of different hardness. The transparent bottles enable users to observe the state of the sand during the sandblasting process.

UD-SB1

- ◆ **AIR SUPPLIED : $\geq 80\text{L/MIN}$**
- ◆ **VOLTAGE : 220V 50HZ ($\pm 10\%$)**
- ◆ **PRESSURE : $\geq 4\text{KG/CM}$**
- ◆ **SAND PARTICLE SIZE : ≥ 120 MESH**
- ◆ **DIMENSIONS : ABOUT 42*39*26CM**
- ◆ **PACKING SIZE : ABOUT 47*44*31CM**
- ◆ **WEIGHT : 14KG-15KG**



“Strong Sandblasting Power”
“Smooth & Accurate Operation”

Connectivity



Twin Pen



Smooth Working



SIRIO SAND BLASTER

UD-SB3

SIRIO (Italy) Two Modules Sandblaster + Recycle Possibility to select among 3 different modules (25/50microns – 50/100/mic – 110/250mic).

- ◆ **POWER SUPPLY : 230 V - 50/60 HZ**
- ◆ **POWER : 9W**
- ◆ **AIR PRESSURE : 1.5-6 BAR**
- ◆ **AIR CONSUMPTION : 150-500 LT/MIN**



SAND BLASTER (RECYCLEABLE SAND)

UDM-SB1

Unident Sand Blaster Measure 10×13×14 inches with rubber glove for abrasion free working on casting with high quality nozzle for contamination free smooth finish of articles built in light and exhaust filter for pollution free atmosphere, large glass for easy viewing.

CENTRIFUGO CASTING MACHINE

Lever Type



UDM-CM1

(Senior) for Gold and Cobalt work. New Model with releasing Lever with safety and braking device, Equipped with two Ball Bearing with 4 rings. 4 rubber crucible former, 3 credles, adjustable weight & 2 crucibles.

Pin Type

(Senior) for Gold Work Equipped with two Ball Bearings, with 4 rings, 4 rubber crucible former, 3 credles, adjustable weight & 2 crucibles.



UDM-CM2

PALATAL TRIMMER

UDM-AT1

Unident Dental Palatal Trimmer have Motor of 2800 RPM with High Torque. 304 Grade Stainless Steel dull finish surface, Dust Collection part in back with adapter hose, 1 fast cutting trimmer.



ARCH TRIMMER

UD-AT1

- ◆ POWER : 140W
- ◆ WEIGHT : 9KG
- ◆ VOLTAGE : 220V 50HZ (+ 10%)
- ◆ USAGE : ORTHODONTIC DENTAL TEETH

“Dust Outlet System”

“Hard Alloy Grinding Head”

“Working Platform”



Unident Model Arch Trimmer is a necessary equipment for trimming the sides of plaster models. It consists of a case, a motor, a hard alloy grinding head, a power switch and an indicator light.

INDUCTION CASTING MACHINE

UD-CM3



MAX. MELTING AMOUNT : 50G (CO-CH ALLOY) ♦

CENTRIFUGAL ROTATIONAL SPEED : 500RPM ♦

VOLTAGE : AC 220V $\pm$ 10% / 50HZ ♦

MELTING DURATION : 30G $\leq$ 65S ♦

DIMENSIONS : 67 X 57 X 96 CM ♦

COOLING METHOD : AIR COOLED ♦

CASTING RADIUS : 210MM ♦

POWER : 2.5KW ♦

MOTOR : 0.37KW ♦



“Advanced All-Transistor” | “No Preheat Needed”

“Low Power Consumption” | “Compact Size & Less Weight”

Unident Medium Frequency Casting Machine is used for casting alloys in prosthetic dentistry and orthodontics. It can be used to melt precious alloys or investment casting in all fields of dentistry. This machine can be used to deal with special structured removable dentures, melt bases of casting crowns, metal-porcelain crown and all kinds of clamps. It has the following advantages:

1. This casting machine has an advanced all-transistor circuitry which makes it a highly efficient, low power consumption and low power rating (2.5KW) machine.
2. No preheat is needed, melting and casting process can start immediately after the machine is turned on the interval between melting and casting is two minutes.
3. This machine can work under the voltage of 220V $\pm$ 10%
4. Low working voltage and low high-frequency radiation makes it safer and more reliable.

DUPLICATING MACHINE

UD-DM1

- ◆ **MIXING SPEED : 28 RPM**
- ◆ **VOLTAGE : 220V/110V ($\pm$ 10%) / 50HZ**
- ◆ **GEL MIXING AMOUNT : 2-5KG**
- ◆ **POWER : 450W**
- ◆ **PROCESSING CYCLE TIME : 1-2 HOUR**
- ◆ **MAX TEMP. LIMIT : 90°C**



Unident Duplicating Machine is used for melting and mixing duplicating gel in prosthetic dentistry. It is a necessary equipment for duplicating molds. The mixing tank of the machine is made of stainless steel, which is corrosion resistant and the property of the Duplicating Gel will not be changed. This is an economic machine which can melt and heat very quickly. The machine can heat, mix & cool down automatically. All operations can be done by pressing the buttons.



UD-PP1

PNEUMATIC POLYMERIZING POT

With a maximum recommended air pressure of 15 psi, this pressure pot will meet or exceed all your dental office or laboratory needs. Used in dental office or laboratory. Perfect for cold or heat cure acrylic resins in : relines, repairs, splint, temporaries, orthodontics appliances etc. Use to produce quality airless appliances.

Pneumatic Polymerizing Pot features an air pressure regulator that allows you to easily monitor, adjust and set the air pressure (psi) from an air valve directly on the air regulator. This allows for greater control, accuracy and holding time of the air pressure you require. Once set to the desired air pressure, this pressure pot will maintain that air pressure throughout the curing process. This pressure pot can and will hold the air pressure (psi) for hours, even days at a time. If the pressure in the pressure pot drops for any reason, the air pressure regulator will automatically allow air pressure into the pressure pot to hold the predetermined air pressure. This result in greater quality of the final product.

PNEUMATIC POLYMERIZING POT



UD-PP3

- ◆ **PRESSURE : 0~0.4MPA**
- ◆ **FREQUENCY : 50HZ**
- ◆ **VOLTAGE : 220V**
- ◆ **INNER SIZE : 200*180*180MM**

PRESSURE MOLDING MACHINE

UD-PM1

- ◆ **HEATING TIME : 10~120S (ADJUSTABLE)**
- ◆ **PRESSURE TIME : 10~60S (ADJUSTABLE)**
- ◆ **TEMPERATURE RANGE : AMBIENT TEMP.~250°C**



Pressure Molding Unit is a necessary dental equipment for forming various kinds of plastic sheets, Such as: Orthodontic Braces, Whitening braces, Bruxism guards, Sport Mouthguards. Pressure Moulding Unit means big advancements in the ease and handling of pressure moulding machine operation. The material can be directly heated immediately after the heater is turned on, the pressure moulding process is complete before other machines reach working temperature. The material will be pressed vertically onto the model, instead of being turned over and pressed onto the model. In this way, all parts of the material will be pressed at the same time, achieving even moulding effect. Additionally, the thermostatic Technology guarantees constant heating temperatures regardless of external influences such as room temperature. The result is perfectly heated material and reproduceable moulds every time.

STEAM CLEANER

Compact in Size, heating power 2100 W, 4Bar Pressure Pack contains 3 nozzle. Citric Acid Detergent.

Generates steam of high quality pressure, perfect for cleaning your lab equipment with high precision, cleaning of die cut model in labs.

UD-SC2



"Voltage AC 230V, 50-60H" | "Boiler Volume 3L"

"Superior SUS304 Machine Material"

"Spray Gun Length 1.2M"

"Automatic Water Supply Inlet"

DENTURE INJECTION SYSTEM

UD-DI1



Unident Denture Injection Unit is composed of a hot press (frame, cylinder, heater, bracket and flask etc.) and an automatic temperature control system (temperature control, timer and electric system). It has automatic temperature control, automatic heat preservation and reminder function. It improve the temperature control system based on the original organic type and the operation is simpler. It is a necessary equipment for the manufacture dentures.

- ◆ **POWER : 350W**
- ◆ **WEIGHT : 45KG**
- ◆ **HEATING TEMP. : 282°C-288°C**
- ◆ **PRESSURE TIME : 7M 30S - 11M**
- ◆ **VOLTAGE : AC 220V / 50HZ (± 10%)**

ARGON WELDER

UD-AW1

- ◆ **DEGREE OF PROTECTION : IP21**
- ◆ **POWER : 100W**
- ◆ **GAS SUPPLY PRESSURE : 0.1MPA**
- ◆ **WELDING TIME : 3MS~30MS**



AIXIN ARGON WELDER

UD-AW2

AIXIN Argon-Arc Spot Welder with Microscope is suited for all types of dental welding jobs, for both new restorations and repairs. the range of application equals at least that of a laser welding unit, and cost of the equipment and operations is much cheaper than a laser welding unit. Argon-Arc Spot Welder includes five preset basic programs for gold (Au), cobalt chrome (co-cr), hybrid-welding (such as precious to non precious), titanium (Ti) and orthodontics. Besides its features compact size, safe and stable system, easy operations, low noise and maintenance. It is also equipped with a stereo zoom Microscope. the LCD shutter prevents any damage to the eye.

VACUUM FORMING MACHINE

Unident Vacuum Former is a necessary dental equipment for forming various kinds of plastic sheets. It is very safe and easy to use.

Range of applications:

1. Discolored dentures
2. Orthodontic retainers, dental arch splints.
3. Periodontal disease and fluoride curing tray
4. Temporary or permanent base plates, jaw holders, mouth guards
5. Implant dental positioning plates, retainers
6. The forming manufacture of surgical tray

- ◆ **WEIGHT : 6KG**
- ◆ **POWER : 1000W**
- ◆ **VOLTAGE : AC 220V 50HZ**
- ◆ **DIMENSION : 25 X 21 X 30 CM**

UD-VF1



BIO ART VACUUM FORMING

- ◆ **VOLTAGES: UNIQUE VOLTAGE 127V- OR 220V- 50/60 HZ**
- ◆ **CONSUMPTION POWER: 925W**
- ◆ **HEATING POWER: 450 W**
- ◆ **MOTOR POWER: 1400 N**
- ◆ **SHEET DIMENSIONS: UP TO 6 MM THICK**

UD-VF2



Bio-Art Vacuum Former is a state-of-the-art dental equipment designed for the precise fabrication of thermoformed dental appliances. Crafted by Bio-Art, a renowned name in dental technology, this vacuum former is engineered to provide practitioners with efficient and consistent results in molding clear and accurate dental appliances.

ELECTRO POLISHER

- ◆ **WORKING CURRENT : 10A**
- ◆ **POWER : 250W**
- ◆ **TIMER : 0~12MIN**

UD-EP2



UNIDENT Electrolytic Polisher is equipped with an oval-shaped electrolytic bath which enables the workpiece to soak and move in the electrolyte easily. The workpiece can make steady and smooth moves in the electrolyte, which makes it thoroughly polished. Comparing to the motionless method, you can get better results with this new method, and the vibration.

SURVEYOR

With heavy base (Senior) with B.B. Indispensable for the faultless designing & tracing of clasp const, for the working of slides etc. Even for plain clasp work divergent teeth & tooth sets for all prostheses cast individually or from models.



UDM-SV1



UD-SV1

This is a professional tool which is used for grinding, polishing all kinds of teeth models. It equips with seven different burs .Meanwhile it can work together with high speed hand piece accessories. Ball type working base support 360 degree overall working interface.

PNEUMATIC AIR CHISEL

UD-PC1

For removal of stone, plaster and other material from denture flasks and other items. It can also be used to carve stone, jade, wood and for trimming the surface of castings, riveting or welding work piece.



DENTAL VIBRATOR

UDM-VB1

Unident Dental Lab Vibrator capacity 3-4 casting cylinder, removable rubber plate for easy cleaning, fitted with controller for variable frequencies.



ROUND VIBRATOR

Voltage	220V, 50Hz
Electric Current	0.5A/1A
Power	70W
Weight	2.5Kg

UDM-VB2

This vibrator is mainly composed of pedestal and vibrator plate. It is also installed the knob for adjusting the intensity of the vibration



AMALGAMATOR

UDM-AM1

Watt 45 with timer is compact and functionally designed mixer which assures efficient and reliable triturations with a simple operation. Excellent durability and mixing power with 4 capsules. (Not Suitable for Premix Capsules)



UD-AM1

Digital

It's revolve according to "8" model.
Programmable Mixing Time 1-99 sec
Controlled
Consistent Mix
Noiseless
Stable Opera
Electrical Safety Standards Met
Easy Maintenance.

DENTAL PRESS

Mechanical Press (Indian)



UDM-MP1

Hydraulic Press (Indian)



UDM-HP1

Hydraulic Press (Sirio)



UD-HP1

WAX POT - ANALOG 3 WELL



UD-WP1

Wax Pot - Analog 3 Well Used to Melt all kind of dental wax.

It can melt wax easily and keeps it in liquid state.

Good at heat conduction & insulation

Easy to operate and use

WAX POT - DIGITAL 4 WELL

UD-WP2



Used to Melt all kind of dental wax

Melting the wax quickly and keeps them in liquid state

Easy to see the temperature adjustment

Easy to compare with current temperature

Good at heat conduction & insulation

Easy to operate and use

Equipped digital CPU circuit and set temperature needed

Easily recognize the specially situation because of accurate temperature sensor.

Power Supply: 220V, 50Hz

Power: 60W

1. Electric knife you can work at temperatures 50° C to 200° C with button
2. Electric carving wax knife is more efficient than other wax metal knife.
3. It's significant advantage is the long use time
4. The LED visual control button makes the operating more conveniently
5. 2 circuits have been arranged, and they can operate at the same time
6. The working temperature can be kept even after power off.
7. Two temperture way display (Fahrenheit Or Celsius temperature display)

TWIN PEN ELECTRIC WAX CARVER

UD-WC1



UD-ACU-38L

Power {KW}	1HP
Max Pressure {Bar}	8
Air Displacement {L/min}	120
N.W {KG}	44
Speed {RPM}	1410
Max Pressure {Psi}	115
Tank {L}	38
Dimension {LxWxH}	40x40x72



DENTAL MELTING TORCH



Dental Melting Torch for Chrome cobalt and Nickle Chrome alloys used with LPG and Oxygen.

PLASTER DISPENSER

UDM-PD1

(A) Outside and inside body made of stainless steel 304 grade dull finish fitted with digital electronic timer, capacity 10 kg.



UDM-PD2

(B) Outside body made of mild sheet with stoving paint & inside stainless steel 304 grade operate with press on switch, capacity 10 kg.



STONE PLASTER DISPENSER

UDM-PD3

(A) Outside and inside body made of stainless steel 304 grade dull finish operate with press on switch, capacity 5 kg.



UDM-PD4

(B) Outside body made of mild sheet with stoving paint & inside stainless steel 304 grade operate with press on switch, capacity 5 kg.



ACRYLIZER / POLYMERIZATION

(A) Digital Display & Digital Timer Controller

Temp. is controlled with digital display and controller cum digital timer when the time will complete alarm will be operational with S.S. drain plug, To work on 220/230 volts AC. The gap between the walls is filled with glass wool to minimize loss of temperature.

A(1) Double Walled, Outside & inside body made of Stainless
UDM-A1 steel 304 Grade. Inner Size 300 x 250 x 350 mm

UDM-A2 A(2) Double Walled, inside made of Stainless steel 304 Grade.
Outside Mild Steel Sheet stoving Paint Inner Size 300 x 250 x 350 mm

(B) Hydraulic Thermostat Controller

Temp. is controlled by hydraulic thermostat from 5°C above ambient to 100°C with a sensitivity of $\pm 5^\circ\text{C}$ Acrylizer consist Mechanical Timer can be set 1/2 hour to 2 hours

UDM-A3 B(1) Double Walled, Outside & inside body made of
Stainless steel 304 Grade.
Inner Size 300 x 250 x 350 mm

UDM-A4 B(2) Double Walled inside body made of Stainless
steel 304 Grade. Outside Mild Steel Sheet Stoving
Paint Inner Size 300×250×350mm



DEWAXING BATH UNIT



(A) Digital Display & Digital Timer Controller

Temp. is controlled with digital display and controller cum digital timer. When the time will complete alarm will be operational with top quality drain valve is provided for dewaxing. To work on 220/230 volts AC. The gap between the walls is filled with glass wool to minimize loss of temperature.

UDM-DB1

A(1) Double Walled, Outside & inside body made of Stainless steel 304 Grade. Inner Size 300 x 250 x 350 mm

UDM-DB2

A(2) Double Walled, inside made of Stainless steel 304 Grade. Outside Mild Steel Sheet stoving Paint Inner Size 300 x 250 x 350 mm

(B) Hydraulic Thermostat Controller

Temp. is controlled by hydraulic thermostat from 5°C above ambient to 100°C with a sensitivity of $\pm 5^\circ\text{C}$ Dewaxing consist Mechanical Timer can be set 1/2 hour to 2 hours

UDM-DB3

B(1) Double Walled, Outside & inside body made of Stainless steel 304 Grade. Inner Size 300 x 250 x 350 mm

UDM-DB4

B(2) Double Walled, inside made of Stainless steel 304 Grade. Outside Mild Steel Sheet stoving Paint Inner Size 300 x 250 x 350 mm



MUFFLE FURNACE

Light weight with ceramic fiber wool insulation. The outer casing is made of double walled thick P.C.R.C. sheet. Heating elements are made of "Kanthal" wire backed by cerwool insulation. A viewing cap is also provided on the door. Temperature control unit consists of energy regular & digital display with silver thermal fuse or with digital controller cum indicator to work on 220/230 volts AC with an accuracy of (+)(-) 3°C better.

(A) With Digital Display cum Controller with safety alarm.

UDM-PF1

Maximum Temp. 1200°C Working Temp 1150°C

(1) Inner Size 175x175x225 mm 4.0 k.w. with One SS tray for Partition.

UDM-PF2

(2) Inner Size 100x100x225 mm 1.5 k.w

(B) With Digital Display cum Controller with safety alarm.

UDM-PF3

Maximum Temp. 950°C working temp. 900°C

(1) Inner Size 175x175x225 mm 3.0 k.w. with One ss tray for Partition.

UDM-PF4

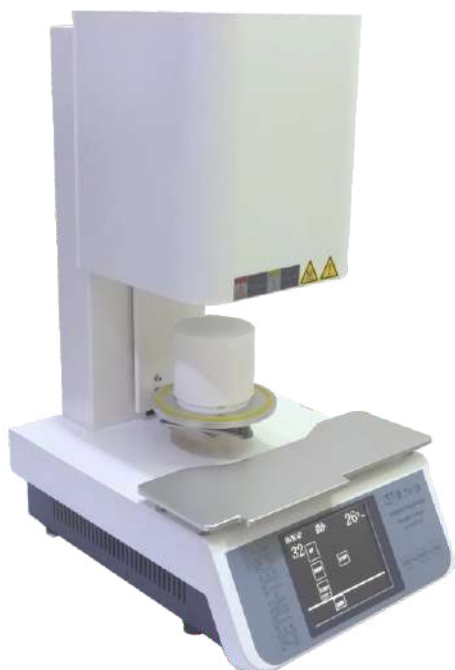
(2) Inner Size 100x100x225mm 1.5k.w



PORCELAIN FURNACE

UD-CF1

Power supply	220V/50HZ 110V/60HZ
Power	1300W(furnace)*300W(vacuum pump)
Max. temperature	1300°C
Temperature control accuracy	±1°C
Heating rate	0-140°C/min.
Programs can be set	100 to 500 programs per customer's requirement
Max.Vacuum degree	-98Kpa
Net chamber size	□10×7cm
Display mode	Large size touch screen display all parameters.
Enter mode	Touch screen human-computer interface
Gross weight	Furnace 33kg&Vacuum pump 12kg
Net weight	26.5kg furnace with pump



Characteristics of Dental Porcelain Furnace:

1. Heating element imported from Kanthal Swedish with original packing
2. Electromagnetic valve from Japan, ensuring the vacuum sealing
3. Traction belt imported from Germany or UK
4. Temperature control components imported from Toshiba Japan



ELECTRIC HOT AIR OVEN



UDM-HO1

A(1) Double walled outside & inside body made of stainless steel 304 Grade Inner Size 18"x18"x18" with two adjustable trays

UDM-HO2

A(2) Double walled outside & inside body made of stainless steel 304 Grade Inner Size 14"x14"x14" with two adjustable trays

UDM-HO3

B(1) Double walled inside made of stainless steel 304 Grade, outside Mild Steel sheet stoving paint Size 18"x18"x18" with two adjustable trays

UDM-HO4

B(2) Double walled inside made of stainless steel 304 Grade, outside Mild Steel sheet stoving paint Size 14"x14"x14" with two adjustable trays

Dental Electric Hot Air Oven upto 350°C

In this system there is one path of circulating Hot Air in between the inner chamber and insulation. Forced Air Moved by the motorized blower is called PERFECT SYSTEM. It results minimum temperature variation at any point in working space. The gap between the walls is filled with glass wool to minimize loss of temperature.

Temperature controlled by PID Micro processor Controller Dual Display with Safety Alarm from 100°C to 350°C with a sensitivity of $\pm 1^\circ\text{C}$ in Bare Oven. To work on 220/230 Volts A.C.

BRUSHLESS CLINICAL MICROMOTOR

RPM	16:1	1:1	1:5
100			
1,000	100 2,500		
2,000			
2,500		2,000 40,000	
10,000			
40,000			10,000 2,00,000
2,00,000			



UD-CM2

"ONE MACHINE SOLVES PROBLEM FOR CONTRA ANGLE & AIR ROTOR HANDPIECE"

◆ Easy to Install

◆ Smart Control System

◆ Adjustable Speed & Direction

◆ Inner LED Lighting Electric Motor System

◆ Fit to ISO3964 Contra & Straight Handpiece

Fit to Contra Angle
& Air Rotor



Inbuilt LED



Smart Control
System



Torque: 3.5N.cm ◆

Noise Level: ≤50dB ◆

Power Input: DC 24V ◆

Rotation: 2,000-40,000 RPM ◆

LED Maximum: ≥ 25,000 LUX ◆

CLINICAL MICRO MOTOR

With Control Box

Unident Micromotor with Control Box used for hard tissue trimming. It is also used in denture trimming. Polishing of prosthesis.



UD-CM1

◆ Extra Torque

◆ Forward & Reverse

◆ Low Heat Generation

◆ Low Noise & Vibration

◆ Hand & Foot Operation

◆ Speed upto 35,000 RPM

Control Box



Motor Stand



Foot Pedal



LAB BRUSH MICROMOTOR

Control Box

M-4 Pro



Control Box



UD-LM1

(45,000 RPM)



UD-LM2

(45,000 RPM)



User Friendly
Light weight
Compact size

UNIDENT M-4 PROLAB Brush Micromotor used for hard tissue trimming.
It is also used in denture trimming.

- ◆ Extra Torque
- ◆ Forward & Reverse
- ◆ Low Heat Generation
- ◆ Suitable for Long Use
- ◆ 4 Stage Speed Control
- ◆ No Noise & Vibrations
- ◆ Hand & Foot Operation
- ◆ Speed upto 45,000 RPM

LAB BRUSHLESS MICROMOTOR

UD-BM1



180 Watt

HIGH	POWER TORQUE
-------------	-------------------------

**9.5Ncm Torque
50,000RPM**



**"High Quality Copper
Brushless Handpiece Wire"**

- Foot Pedal for On/Off Switch
- Non Stage Speed Control System
- Mini-Compact Design, Easy to Carry
- Less-Vibration Standard Brushless Lab MicroMotor
- Rotating Converts Forward and Reverse Control Ability
- Easy Maintenance of Brushless Lab MicroMotor, No Sparkle

Never turn the power on when the collet is open or in the intermediate position. The spindle is in the locked position and will not turn. This will damage the motor.

UD-BM2

- Voltage: 220V
- Weight: 2.6 KG
- Laboratory Equipment
- RPM: 50,000 RPM & 7.5 N.cm Torque.

- Foot pedal for easy on/off control, hands-free operation.
- High-quality copper brushless handpiece and super fine quality ball bearing set.
- Reduces wear and tear, eliminates spark generation, is low maintenance, and is long-lasting.



LOUPES 2.5MM & 3.5MM



Magnification	2.5x	3.5x
Working Distance	440-540mm	280-380mm
Field of View	130mm	60mm

Available in 4 Colors



LED Bulb Power : 3W

Bulb Lifetime : 10000 Hours

Continous Run Time : 5 Hours

High Intensity : 15000-30000 LUX

Input Volt : AC100-240V/50-60Hz

ALE magnifier is widely used in Dentistry, Plastic Surgery, Ophthalmology, ENT, Neurology, Cardiovascular and other Micro-Surgery. It is also widely used in the Electronics Industry, Precision Manufacturing, Textile Industry and other Industrial which requires precise observation of object.

ALE Magnifier is produced by high quality optical glass material with mul-coating. With good field of view and depth of field, Reduce the user's eye fatigue, Protect the user's cervical spine and lumbar spine.

Portable LED headlight with small size and light weight. It is suitable for all kind of surgical operation and anywhere without light or lack of light. Using rechargeable Li-ion battery, long work time, high brightness and clear circle, which also can using when is charging. Headlight can fix with all kind of our magnifiers, can use together to get better work efficiency.

UNIDENT HANDPIECES

Standard Head

Super Torque

LED Generator inside, self-illuminated

Atomized water pressure 200kPa

Atomized air pressure 200kPa

Rotation speed 320,000-400,000r/min

Noise $\leq 70\text{dB}$

Bur applicable $\phi 1.59\text{mm}-1.60\text{mm}$

Chucktype Push button

Sterilization temperature 135°C

Spray Triple Spray

LED High Speed Airotar Handpiece



High Speed Airotar Handpiece

Standard Head

Super Torque

Air pressure at the back end

HP 0.20-0.22Mpa(2 holes)

Rotation speed $\geq 300,000\text{r/min}$

Noise $\leq 68\text{dB}$

Bur applicable $\phi 1.59\text{mm}-1.60\text{mm}$

Chucktype Push button

Spray Single Spray

LED 1:5 Increasing Speed Contra Angle Handpiece

Maximum Rotation Speed: 2,00,000r/min

Bur applicable : 1.60mm

Pushbutton head, burs are not flied out. Inner Water Supply.

LED illumination, SelfPower

Detachable head, completely be clean up.

It is used for slitting of cap crown, processing of teeth, cavities and crown preparations, restoration surface and removal of fillings. Removal of carious materials.



ALE HANDPIECES



High Speed Mini Head Airotar Handpiece

LED Mini Head

AIR PRESSURE
CHUCK TYPE
BUR SIZE
ROTATION SPEED
NOISE

Mini Head

0.25-0.32MPA
PUSH BUTTON
□1.59-1.600MM
300,000-450,000RPM
≤60DB

45° Degree Angle Airotar Handpiece

LED 45° Degree

AIR PRESSURE
CHUCK TYPE
BUR SIZE
ROTATION SPEED
NOISE

45° Degree

0.22-0.30MPA
PUSH BUTTON
□1.59-1.600MM
280,000-350,000RPM
≤60DB



Low Speed Straight Handpiece

*1:1 DIRECT DRIVE
*MAX SPEED 25,000RPM



Low Speed Contra Handpiece

*FOR 45MM HP BURS
*E-TYPE CONNECTION

ULTRASONIC CLEANER

Stainless Steel 304 Grade Body

- ◆ Heat & Vibration
- ◆ Time Scope 1 to 60 min
- ◆ Adjustable Temperature 22 to 80 Degree
- ◆ Frequency - 40 khz



UD-UC25A
2.2 L



UD-UC-6
2L



UD-UC-7
4.5L



UD-UC-8
6.5L



UD-UC-10
14L



UD-UC-9
22L

- ◆ College
- ◆ Clinic
- ◆ Schools
- ◆ Hospitals
- ◆ Machines
- ◆ Metallurgy
- ◆ Pharmacies
- ◆ Light Industry
- ◆ Transportations
- ◆ National Defenses
- ◆ Scientific Researches
- ◆ Petroleum Chemical Industry

SUN FRONT LOADING AUTOCLAVE

UD-AC1

Technical Parameters:

- European Class B sterilization standard
- Sterilizing temperature: 134°C / 121°C
- Safety valve & double door lock system
- Auto cycle completion alarm
- 4L clean water tank & 3L waste water tank
- 5-level instrument tray with 3 mesh trays
- 23L Capacity

Product Features:

- It sterilises wrapped loads, multiple trays, and complex instruments.
- Waste-water tank alarm prevents contamination of the sterilization cycle.
- LED display with advanced self-test system.
- Dual locking door for enhanced safety.
- Built-in printer & USB for automatic data recording.
- Certified: CE & ISO13485 (TUV).



LED Screen | Chamber 22 Liter
Electrical & Mechanical Lock
5 Preset Sterilization Cycles

LAFOMED FRONT LOADING AUTOCLAVE

UD-AC2

- | | |
|-------------------------------------|---|
| ◆ Wattage: 1700 VA | Auto-alarming, Malfunction-indication ◆ |
| ◆ Max. Temp.: 137°C | Ster. Temp: 121 and 134°C adjustable ◆ |
| ◆ Net Weight: 50 kgs | Micro control, Automatic running ◆ |
| ◆ Gross weight: 58 kgs | Keep temperature for next cycle ◆ |
| ◆ 2 x 4L PC water tanks | Ster. Time: 4-60 min adjustable ◆ |
| ◆ Max. Vacuum degree: - 82 Kpa | Packing Size: 79 x 50 x 45 cm ◆ |
| ◆ Chamber Size: Dia. 25 x 45 cm | B&D / Helix / Vacuum Test ◆ |
| ◆ Product size: 70 x 44.5 x 39 cm | Max. Pressure: 240 Kpa ◆ |
| ◆ Min. Installation Size: 48 x 32cm | Printer ◆ |

AUTOCLAVE

UD-AC3

SUN N CLASS 18L FRONT LOADING AUTOCLAVE



1. It adopts European class N standard. It can sterilize all kinds of medical instruments and solved the difficult problem of plastic instruments sterilized.
2. Computer-controlled, the pressure and the temperature digitization displayed, makes you operation more easy and convenient.
3. Jet steam generator, makes the temperature of the chamber stable and the steam reaches every corner.
4. The chamber is once stretch forming of 2.5mm stainless steel
5. Full water alarm system of waste water tank, Finished has let the waste water circulation disinfection the possibility, causes the disinfection to have the significance.
6. Automatic failure detections warning, enable you to grasp the loom as necessary dynamically
7. Humanity bottom of the opt freeing port design can dryly cause to be more convenient.
8. Entire simulated self-made contours, Let the autoclave be brighter, Has the attraction

UD-AC4



UNIDENT Clinical Autoclaves are sturdily constructed in rust-proof, heavy gauge Aluminum for use in rugged condition. It's a unique vessel that generates steam under pressure and temperature between 120°C to 125° C. On reaching the right temperature the instruments are subject to a saturated steam environment for a pre specified time which results in safe and guaranteed sterilization.

WATER DISTILLER



UD-WD1

Inner Stainless Steel Body



UD-WD2

Stainless Steel Body

SPARES

1. Sand for Sand Blaster 1Kg (Grit Size 80um) or (Grit Size, 110um, 120um)
2. Nozzle for sand blaster
3. Sheet hard or soft vacuum forming
4. Lab Hand Piece for dental hanging motor / lathe
5. Armature for hanging motor / Lathe
6. Crucible for casting machine
7. Rubber / metal ring for casting (Size 1 No. To 4 No.)
8. Rubber Base former (upper and Lower)
9. Spare 10" Grinding carborundum disc Indian rough or fine
10. Spare 10" Grinding carborundum disc coarse Cutting imported
11. Spare 10" Grinding diamond disc Indian rough or fine
12. Spare 12" diamond disc Indian rough or fine
13. Spare 12" Grinding carborundum disc Indian rough or fine
14. Firing Tray Metal / Ceramic Type
15. Articulator
16. Cartridge for Dental Flexible Machine

HYDRO SOLDER UNIT



UD-US1

VOLTAGE- 230V

FREQUENCY-50 Hz

NO.OF TORCHES - 2

Low & Noise & Vibration

Mild steel sheet body with painted-coated tank body- stainless steel.

Aluminium & brass cast use for micro torch.

Flow adjustable micro torch

SPOT WELDER

With Solder & Free Hand Welding Attachment

Welding of Bands

Soldering

Annealing

Tack welding using free hand electrodes

Soldering using free hand electrodes

Niti wire memory setting

Soldering of base metal alloys

UD-SW4



UD-SW1



UNIDENT Dental Spot Welder use for orthodontic materials, apply to the material of 0.2mm-1.8mm spot welding Adopt microscope control system, reliable quality. Spot welding function. LCD display functional mode and power parameter. Safety feature have over heating protection system. Automatic alarm, when sub-pressure, over pressure and improper operation. Welding parameters memory function. Welding electrodes can be chosen with different combination.

vatech

EZ SENSOR CLASSIC

- ◆ Cut Corners & Tapered Edges
- ◆ Thinnest Sensor 4.8
- ◆ Water & Dust Resistant
- ◆ Fast & Efficient Workflow
- ◆ Unique Size 1.5
- ◆ 250+ Animated Videos



PORTABLE X-RAY MACHINE

- ◆ Focal Spot - 0.4 mm
- ◆ Tube Voltage (kV) - 65 kV
- ◆ Tube Current (mA) - 2.5 mA
- ◆ Exposure Time Range - 0.05 ~ 1.00 sec
- ◆ Total Filtration - Min. 1.5mm Al
- ◆ Source to Skin Distance - 200 mm
- ◆ Maximum Duty Cycle - 1 : 60
- ◆ Optional Accessories

MILLING MACHINE

UD-MM1



- ◆ **Speed: 0-50000 RPM**
- ◆ **Power: 200w**
- ◆ **Accuracy: 0.01mm**
- ◆ **Disk Power: 11w**
- ◆ **Lighting Method: Led**
- ◆ **Voltage: AC 220V**
- ◆ **Electric Current: AC 0.9 A**

Precision equipment for measurement , design and grinding of planting base sleeve crown, precision, etc.

It can be measurement and grinding the model accurately.

Widely used in dental hospitals, dental clinics, denture processing plants, and other places.

CARTRIDGE HEATER

UD-CH1

- ◆ **Power: 1000W**
- ◆ **Frequency: 50hz**
- ◆ **Weight: 14 kg**
- ◆ **Maximum Temperature: 350 C**
- ◆ **Voltage: AC 220v**
- ◆ **Electric Current: AC 4.6 A**
- ◆ **Heat up as much as 4 Cartridge, Fast Operation**
- ◆ **Max Temperature 350 C.**
- ◆ **3 Operational Procedure**



TRIMMER DRY - DUST FREE GYPSUM



UD-MT2

- ◆ **Power: 885W**
- ◆ **Frequency: 50hz**
- ◆ **Weight: 94kg**
- ◆ **Maximum Temperature: 350 C**
- ◆ **Voltage: AC 220v**
- ◆ **Electric Current: AC 4.0A**
- ◆ **Rotational Speed: 2800 RPM**

DUST CABINET WITH LED

ERGONOMIC DESIGN: Integrated hand rests and optimized angles for prolonged comfort, reducing strain during long working hours.

PRECISION ILLUMINATION: Built-in bright LED lighting ensures a shadow-free, uniformly illuminated workspace for intricate dental procedures.

ADJUSTABLE SUCTION CONTROL: Internal suction with easy-to-use knob allows precise speed regulation for effective dust and debris management.

COMPACT & MULTIPURPOSE: Space-saving design ideal for dental labs, dental clinics, dental colleges / institutes featuring a convenient stand for micro-motor placement.

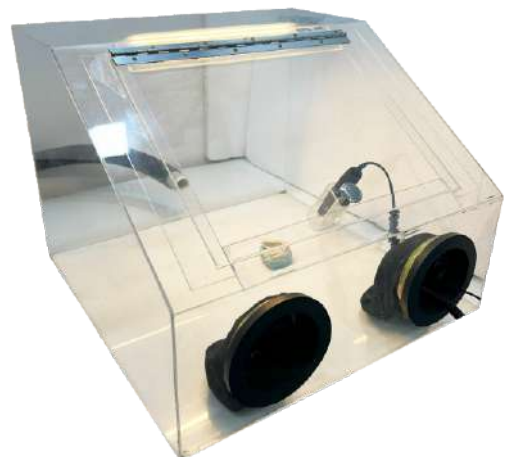
HASSLE-FREE MAINTENANCE: Equipped with an easily detachable dust bag for quick and regular cleaning, ensuring a hygienic work environment.

DURABLE & RELIABLE: Constructed with high-quality materials for longevity and consistent performance, reflecting UNIDENT's 45 years of trusted manufacturing.



UD-DC4

UD-DC5



DEFLASKING UNIT



UD-DF1

- ◆ For Removal of Stone
- ◆ Plaster & Other Material
- ◆ From Denture Flasks & Other Item

DUST COLLECTOR

UD-DC3

Effective Dust Cleaning: Designed for high-performance dust extraction during grinding tasks, this dust collector efficiently removes airborne particles to maintain a clean and safe working environment.

Portable & Compact: Housed in a sleek rectangular unit, it fits easily under a dental lab bench or other workspaces. The removable dust-collector bag ensures easy and mess-free cleaning.

High Efficiency Performance: Powered by a carbon brush Motor it provides customizable wind power to suit various applications, maximizing performance.

User-Friendly Design: With a motor and dust-separating structure, the unit delivers strong suction power while minimizing the risk of motor failure—resulting in reduced maintenance and long-lasting reliability.



- ◆ Voltage : 220v 50hz (+ 10%)
- ◆ Material : Stainless Steel
- ◆ Power : 270w
- ◆ Rotation Speed of Motor : 2800 RPM

MICRO SAND BLASTER

UD-MB2



- ◆ **Design:** Fixed nozzle and ejecting needle at 138°.
- ◆ **Work Pressure:** 60 to 80 lbf/in² (4 to 5.5 kgf/cm²).
- ◆ **Benefits:** Higher durability and accuracy during blasting.
- ◆ **Compatibility:** Connects directly to Borden-type equipment.
- ◆ **Feature:** Equipped with an ejecting needle made of sintered carbide.
- ◆ **Device:** Portable Microblaster for Precise Dental Surface Blasting.



A7 PLUS ARTICULATOR

UD-AR1

Revolutionary model, the A7 Plus is the semi-adjustable articulator with the highest approval by the most renowned universities in the country. It is ideal for academic and professional jobs.

Robust structure, design that ensures great stability and visibility.

- Semi-adjustable / Arcon
- Fixed intercondylar distance (110mm)
- Curved condylar guide
- Adjusting the angle of the Condyllic and Bennet guide
- Central lock
- Movement stabilization system with silicone junction
- Pin to support the Upper Branch in the open position.



It can be purchased with Standard or Elite Facial Bow and is compatible with any accessory.

PREMIUM VACUUM FORMER

UD-VF3

Automatic Negative Pressure Vacuum Forming Machine designed specifically for high-precision retainers, night guards, splints, aligners.

Two models can be formed simultaneously, ideal for dual-arch retainers, lab workflows, and faster chairside delivery.

One button operation, machine automatically controls pressure, forming time, delivering consistent adaptation.

Manual override during heating allows the operator to initiate forming exactly at the ideal sag point.

Accepts all premium branded sheets such as Scheu and Erkodent, as well as reliable ordinary sheets.

Even in cases with missing teeth, negative pressure adapts around anatomical variations, producing stable night guards and well-retained retainers.

Machine itself is virtually silent, Fast heating and short cycle times enable same-day chairside delivery.

Weight: 7.9 Kg, need compressor as attachment. Dimension: (LWH) 260*158*318mm, All aluminium body.



Input Voltage: 220V ~ 50/60 Hz

Rated Power: 800 W

Heating System: Infrared constant temperature heating

Max Heating Temperature: 220°C

Working Pressure: 0 – 5 bar

Pressure Source: Built-in compressor

Sheet: Soft & Hard Thickness Range: 0.3 – 6.0 mm

Body: All aluminium construction

4.3" touch screen ; Clear display of: Adjustable Time, Temperature, Pressure status

Accepts PETG, TPU, EVA, Dual-laminate splint sheets, Premium branded sheets as well as reliable standard sheets

Positive pressure forming up to 5 bar ensures, Excellent adaptation around anatomical variations, consistent results with missing teeth, irregular arch, deep undercuts.

Need only time input, will adjust heat and pressure accordingly.

Fully integrated compressor no external air source required

UD-VF4





Unident

Since 1979

Connect with us



Scan the QR code or click on the icon to connect with us on our social platforms

Watch our educational videos on our YouTube channel for step-by-step guidance

Email ID: unident_india@hotmail.com

Contact: +91 9599 450 480, +91 9818 396 107, +91 8447 045 101, +91 93 199 299 33

Address: 307, Ground Floor & Basement, Block B, Mangolpuri, Industrial Area, New Delhi - 110083

www.unidentindia.in