



CATALOG 2018



Equipment
For Dental Laboratory

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ELECTRIC VACUUM FURNACES

Firing of ceramics on metal and ceramic frameworks from pressable ceramics, aluminum oxide, and zirconium dioxide
 Convenient text menu for the selection of materials and firing programs and viewing of settings in Russian and English
 Possible input program correction, custom program creation
 Firing programs for popular materials from Degudent, Vita, Noritake, Ivoclar, Dentsply, Heraceraam, and GC are preset in the furnace's memory.
 Built-in help system.
 «Sleep mode» for automatic shutdown of the furnace with sintered work upon the program completion (saves up to 1 working hour for the technician every day)

Use with oil-free vacuum pump only!

2-year warranty

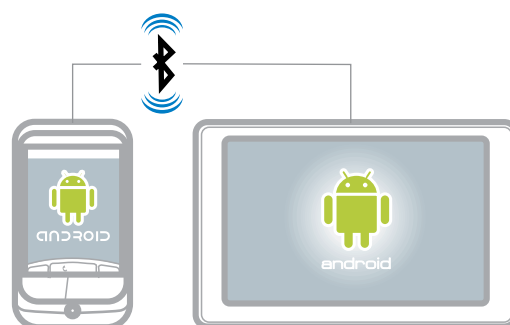


EVF 1.0 ART

Ceramic firing electric vacuum furnace

- Up to 250 programs
- $T_{max} = 1\ 200\ ^\circ\text{C}$
- Up to 1-hour retention
- Firing programs input for 20 popular materials: DeguDent, Vita, Noritake, Ivoclar, Dentsply, HeraCeram, etc.
- Color graphic display, plain menu
- Automatic program completion, sleep mode

Recommended to be used with VP 6.2 vacuum pump.



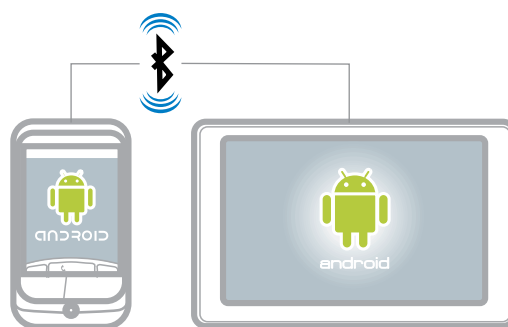
An Android smartphone or tablet may be used as the controls

EVF 1.0 ART PRESS

Universal ceramic firing and pressing electric vacuum furnace

- Pressing unit, air preparation module.
- Color graphic display
- Electronic vacuum sensor
- Up to 250 programs
- Tmax = 1 200 °C
- Up to 1-hour retention
- Firing and pressing programs input for 20 ceramic materials: DeguDent, Vita, Noritake, Ivoclar, Dentsply, HeraCeram

Vacuum pump, \geq 3bar compressed air supply required

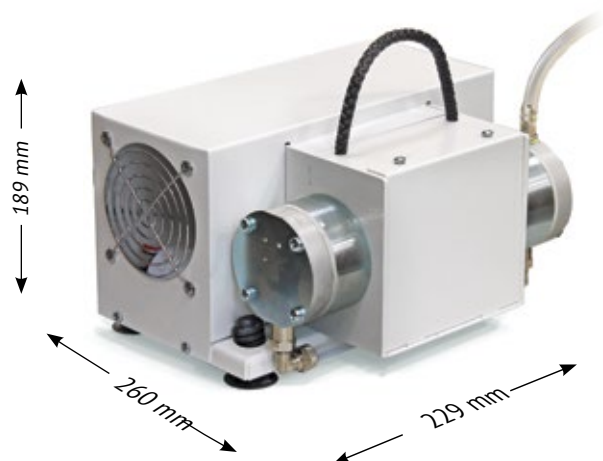


An Android smartphone or tablet may be used as the controls

The pressable ceramic process does not allow even the slightest cooling down of the mold box after it is heated in the muffle furnace.

Therefore, we recommend installing compact electric muffle furnace EMF 1.0 COMBY near your press furnace





VP 6.2

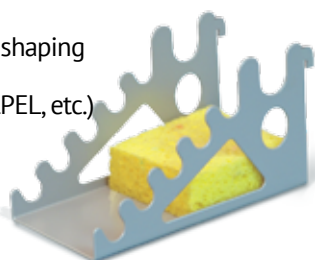
Piston (oil-free) vacuum pump

- Delivery: 2.0 m³/hour
- Vacuum: at least 95 %
- Restart under vacuum
- Allows using the economy mode of vacuum pump operation and, correspondingly, prolonged retention under vacuum

Holder

REST 6.0 TOOLS

Universal holder for shaping knife and tools (UNI SPATULA, SCALPEL, etc.)



Refractory wool

THERMOWOOL 1.0 KERAMIKA

Refractory wool for the firing of metal-free ceramic restorations in a ceramic furnace



Holder

REST 6.0 BRUSH

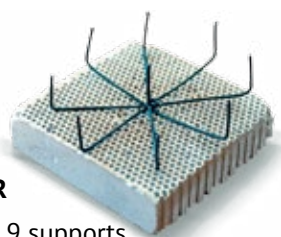
Provides the correct storage for brushes and ceramics, extending their service life



Holder

SPIDER 9.0 TREGER

Nichrome holder with 9 supports for the firing of crowns and bridges.



BRUSH 1.0 CERAMIC

Brush No. 5 for ceramic application
High-quality synthetic nap wooden handle



Crown holder

CLAMP 1.0 CROWN

Crown holder

The expanding wheel and diamond tips allow rigid fixing of a crown of any diameter and hold it on the inside, making the entire surface available for facing



MILLING AND PARALLELOMETER DEVICES



Easy vertical travel of the manipulator (may be moved with one finger)

Massive stable working platform

Fabrication of removable partial dentures with clasp or bar fixation

Customization of abutments for bridge prostheses supported by implants

Cast model analysis and marking, milling and drilling

High-precision, reliable mechanics

May be used with any dental handpiece or turbine

2-year warranty

Multifunctional device

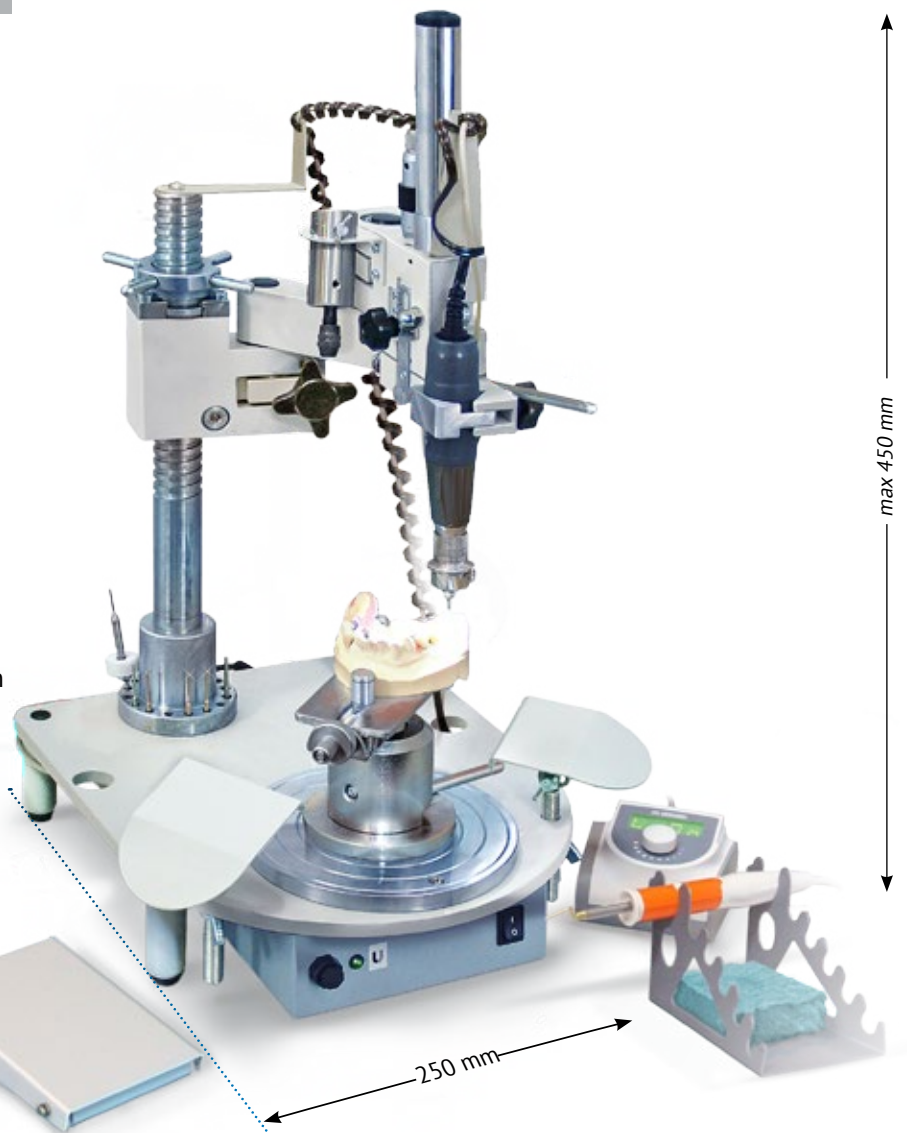
MPD 1.0 MASTER

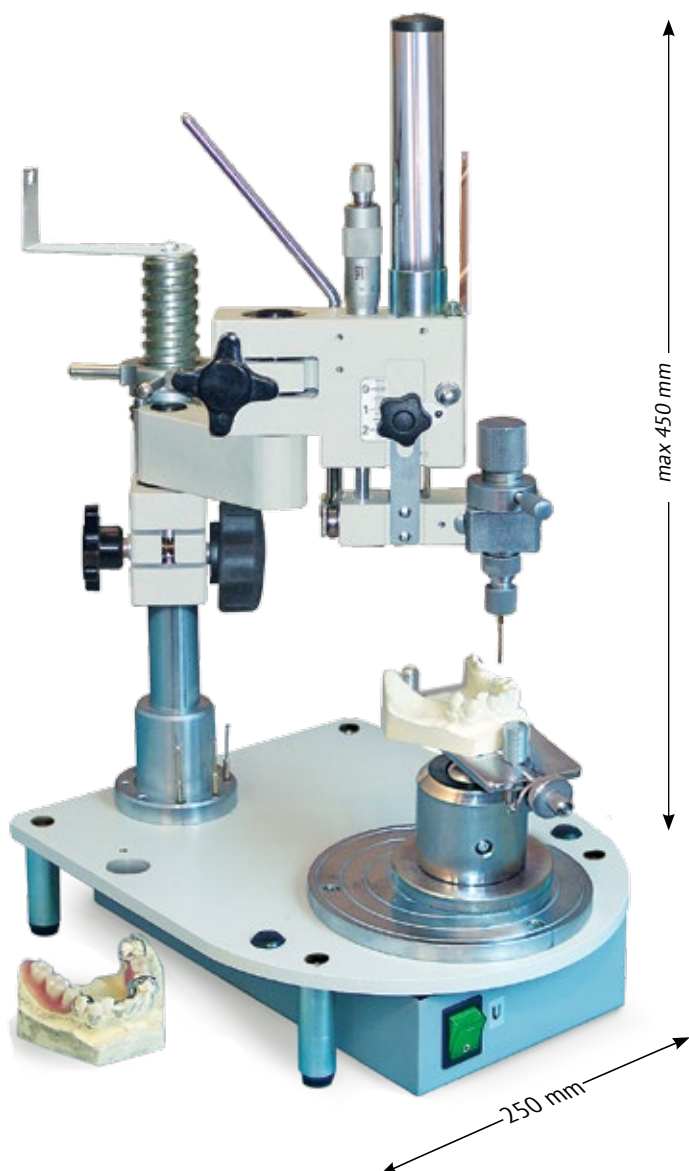
Multifunctional device combining mill, parallelometer, electric wax knife forced heating, drill

The control unit provides handpiece speed control between 1 and 30 thous. rpm. Reverse mode.

The set includes:

- Outboard control with digital indication
- NBM 1.0 USMF dental collector handpiece with built-in free-rotating tip
- Built-in LED ring on the tip
- NKM 0.0 conical tip with a holder
- MODELLER M 4.1 electric wax knife with a tip (it is possible to turn on forced tip heating using a pedal)
- Control pedal
- Ergonomic armrests
- REST 6.0 TOOLS universal tool holder





All the USMF by AVERON are equipped with an electromagnetic platform, vertical hand drive, and double-hinged manipulator with a micrometer

Unique DMA 2.0 digital model analyzer allows errorless determination of the prosthesis introduction path (including that in implantology)

Multifunctional device MPD 1.0 START

Basic model:

- The scope includes:
- US 1.2 rotary table for models, SHPINDEL 2.0.
- ANALYST 1.0 measuring pins set
- PENCIL 1.0 wax pencil holder
- It is possible to install handpieces from any manufacturer with the body diameter of 22 to 30 mm



SANDBLASTERS

FOR CASTING AND DENTAL LABORATORIES

- BN 1.0 blowing nozzle for dust and sand removal from the surface of the item being processed (included)
- PS 1.0/1.1 pneumatic switch to synchronize the abrasive supply and the external exhaust operation (included)
- The air preparation module provides highly efficient compressed air filtration from condensate, oil, and dirt particles
- The built-in lighting allows good visibility of the item being processed
- 2.1 kg blasting module capacity, 5 kg sand circulation bin capacity
- Easy sight glass replacement



Sandblaster **SB 1.2 MEGA**

Machine with sand circulation and 2 blasting modules – MS 4.3 S and MS 4.3 B with sand fraction 25 µm to 125 µm and 125 µm to 350 µm, accordingly

Sandblaster **SB 1.0 MEGA**

Machine with sand circulation without blasting modules
Completing is possible with 2 modules MS 4.3 S/B

**Take care of your health!
Use dust-suction devices
when working with blasters!**

The bin for large wastes allows sweeping off all the large flasking remains, is easy to remove for cleaning and just as easy to install back

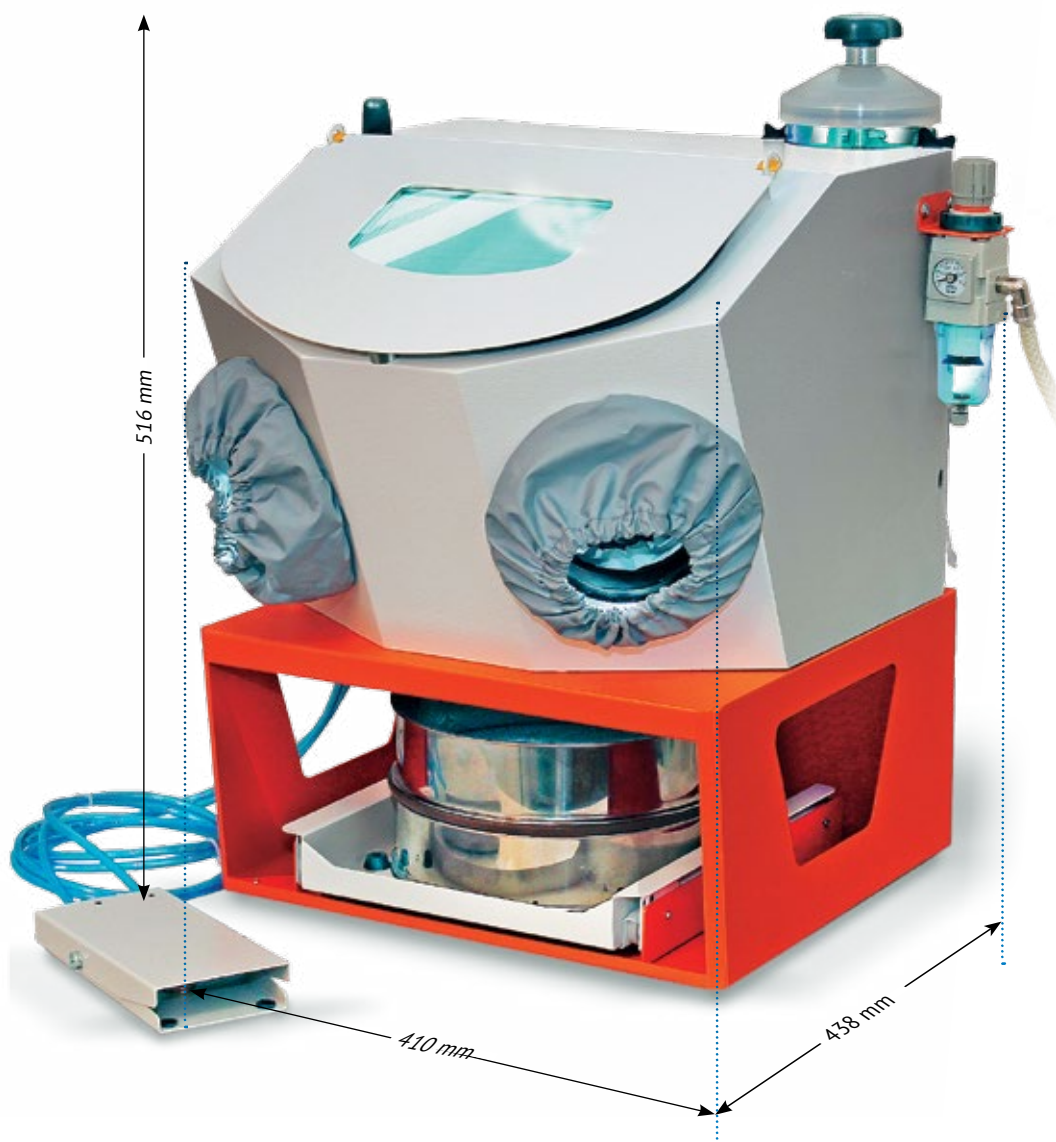




Sandblaster SB 1.1 TURBO FOR CASTING

SB 1.1 TURBO PRESS FOR PRESS CERAMIC

- Machine with built-in sieve and MS 4.3 B module
- Powerful abrasive jet provides quick casting deflasking and cleaning
- Quick and easy dust cleaning after work, using the built-in sieve



The casting cleaning is 3 times faster!



The waste abrasive (sand) gets through the calibrating sieve and into the collecting bin which is easily detached from the machine.

Cleaned dust ready for reuse is poured back into the blasting module container using the special funnel.



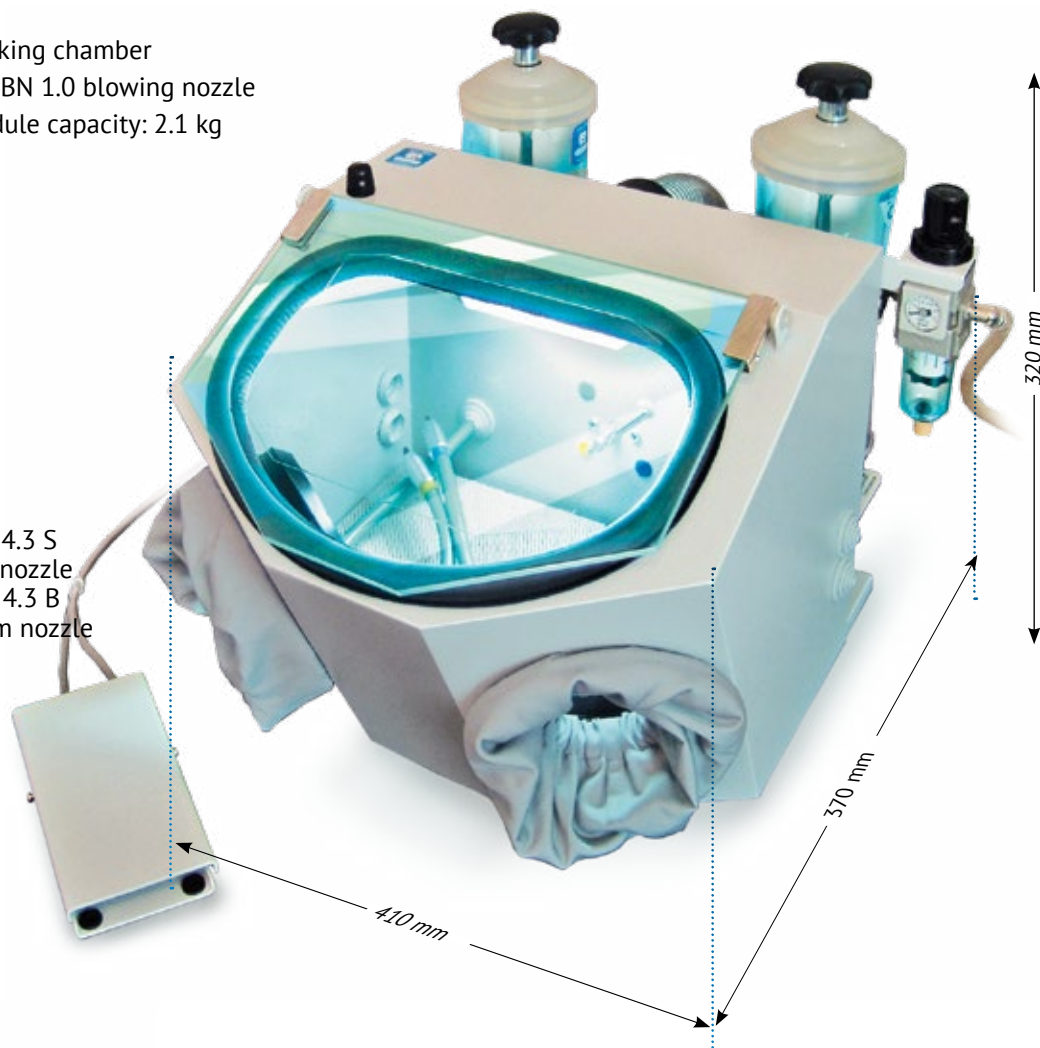
FOR CERAMIC LABORATORIES

SANDBLASTER

SB 5.1 S, 5.1 B, 5.2 U

- Ergonomic compact working chamber
- It is possible to connect BN 1.0 blowing nozzle
- BM 4.3 B/S blasting module capacity: 2.1 kg

5.1 S – machine with 1x BM 4.3 S
blasting module with 1 mm nozzle
5.1 B – machine with 1x BM 4.3 B
blasting module with 1.5 mm nozzle
5.2 U – machine with 2x
blasting modules:
BM 4.3 S and BM 4.3 B



SBM 1.3 S, SBM 1.3 B

Standalone blasting module for fine cleaning

- Used in conjunction with any closed chamber (box) for dust protection
- Visual monitoring of the container's blasting material level
- Does not need electric power supply
- Desktop and wall mounting

SBM 1.3 S – with HN 1.0 (1 mm) hard-alloy nozzle
SBM 1.3 B – with HN 1.5 (1.5 mm) hard-alloy nozzle

ACCESSORIES FOR SANDBLASTERS

BM 4.3 S, BM 4.3 B

Built-in blasting module for fine cleaning

- Used with AVERON blasters
- Visual monitoring of the container's abrasive level

BM 1.3 S – module with 1 mm nozzle

BM 1.3 B – module with 1.5 mm nozzle



HN 1.0, HN 1.5, HN 3.0 M

Hard-alloy nozzles

HN 1.0 – 1 mm in diameter, for BM 4.3 S, ABM

1.3 S

HN 1.5 – 1.5 mm in diameter, for BM 4.3 B, ABM

1.3 B

HN 3.0 M – 3 mm in diameter, for stationary projector SB MEGA, COMPACT



ADDITIONAL EQUIPMENT AND TOOLS



PC 1.0 PEDAL

Pneumatic chisel

- Saves up to 30 % time during mold box deflasking
- Precludes casting damage
- Built-in air-on valve

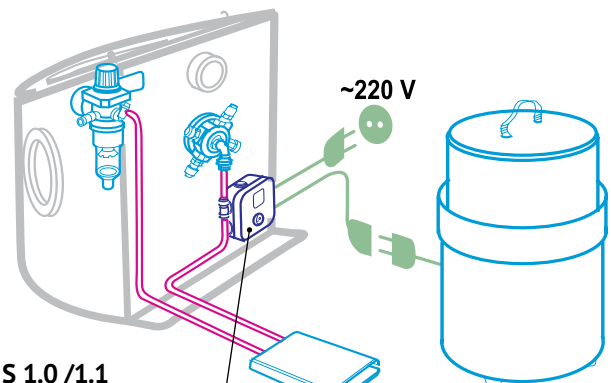
BN 1.0

Blowing nozzle

- Built-in air-on valve



Deflasking using PC 1.0 PEDAL in BOX 7.1 MOBILE ART



PES 1.0 /1.1

Universal pneumoelectric switch

- Synchronized abrasive supply and external exhaust operation
- Used with any sandblasters

WAX DEVICES

- Independent parameter settings
- Temperature control accuracy independent of line voltage variations
- The models with digital indication have the temperature setting increment of 1 °C
- Ergonomic design, exceptional comfort and reliability
- Maximum electric wax knife heating temperature of at least 220 °C
- 5-year warranty



The modular design allows creating arrangements of wax dipping pots, electric wax knives, and induction heating devices, different in terms of cost and functions. Many models have no counterparts

WAX DIPPING POTS

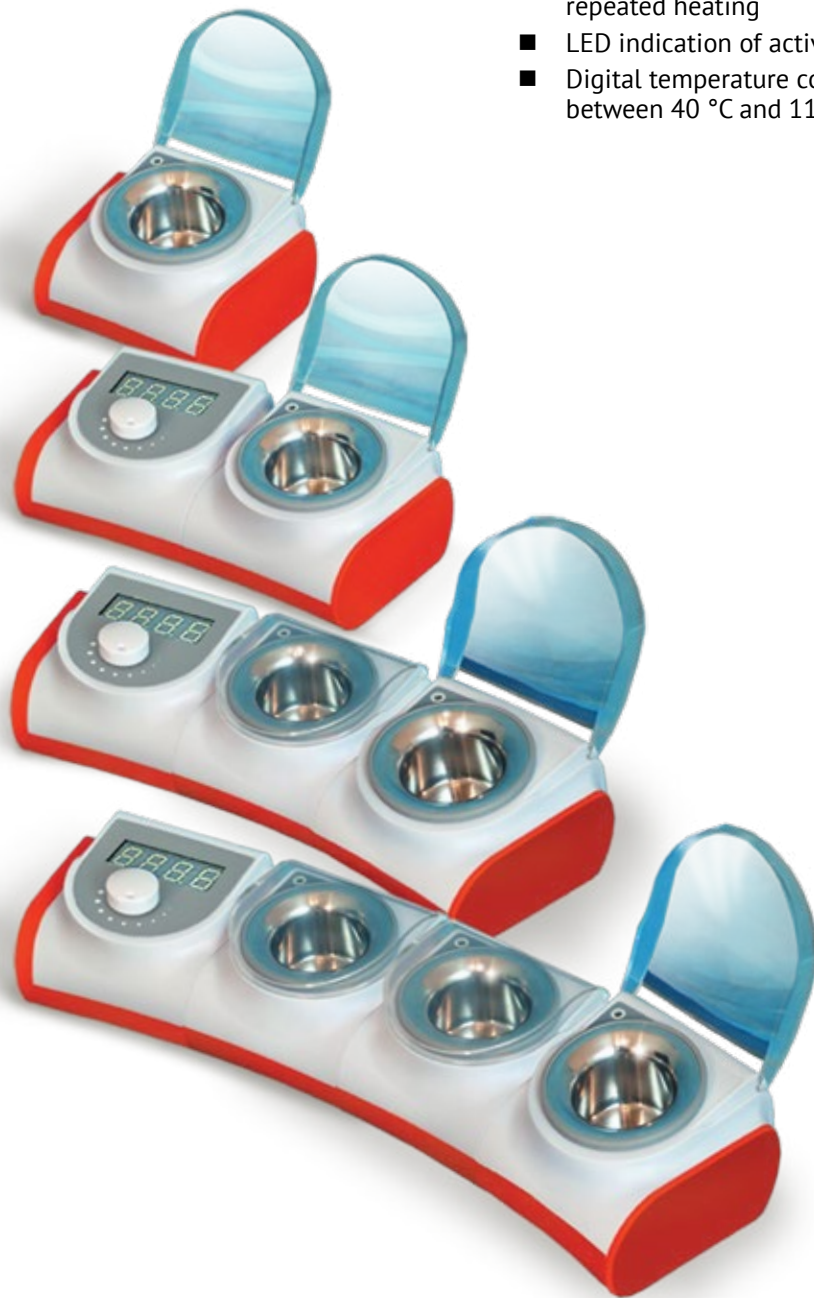
- The digital temperature controller provides stable sheath thicknesses
- and stable wax properties at repeated heating
- LED indication of active pots
- Digital temperature control between 40 °C and 110 °C

Wax melter
VM 1.1 MODIS
1 pot

Wax melter
VM 2.1 MODIS
1 pot

Wax melter
VM 2.1 DUET
2 pots

Wax melter
VM 2.1 TRIO
3 pots



INDUCTION TOOL HEATER

Induction heating device
IHD 2.0 MODIS
The best substitute for gas and alcohol burners

- Quick knife heating
- Safe for human
- Can work 24 hours a day
- No alcohol or gas costs



ELECTRIC WAX KNIVES

The reliable tip connector is located in the cold zone, protected from contact with wax

The heater is in the tip

Convenient forced heating sensor

9 types of changeable tips

Temperature control between 40 °C and 220 °C, for forced heating – up to 250 °C

Electric wax spanula
ES 1.4 MODIS, ES 1.5 MODIS



Electric wax spanula
ES 2.1 MODIS
■ Forced heating sensor



Electric wax spanula
ES 1.1 MODIS



Electric wax spanula
ES 1.1 DUET



Electric wax spatula
ES 2.1 DUET

CHANGEABLE TIP HANDLES

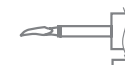










MODELLER M X.1

Changeable tip handle for electric wax knives

MODELLER M X.1 S

Changeable tip handle with touch control of forced heating

-  MODELLER M 1.1 (S) – scalpel
-  MODELLER M 2.1 (S) – needle (1.5 mm)
-  MODELLER M 3.1 (S) – cutter
-  MODELLER M 4.1 (S) – light bent needle
-  MODELLER M 5.1 (S) – spade
-  MODELLER M 6.1 (S) – shovel
-  MODELLER M 7.1 (S) – heavy bent needle
-  MODELLER M 8.1 (S) – needle (0.5 mm)
-  MODELLER M 9.1 (S) – needle (1 mm)

COMBINED DEVICES

Take less desktop space
Cheaper than separate electric wax knife and wax dipping pot
Independent channel control

WM 2.1 COMBI

Wax melter +
electric wax knife



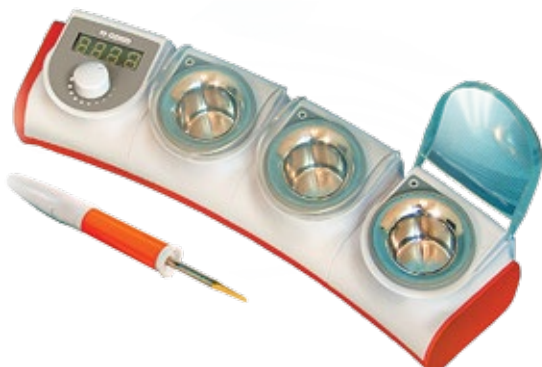
ES 2.2 DUET COMBI

Two electric wax knives + wax dipping pot



WM 2.1 COMBI DUET

Two wax dipping pots + electric wax knife



WM 2.1 COMBI TRIO

Three wax dipping pots + electric wax knife



IHD 2.0 COMBI

Induction heater + electric wax knife



VM 1.0 ART

Modern functional vacuum mixer
For the mixing of all plaster types (class 3 and 4, articulatory),
silicone and flasking materials

- 4 automatic mixing modes
- Electronic vacuum sensor
- Working container position tank (automatic turning-on))
- Desktop or wall mounting
- Includes 0.25L mixing container [MC 0.25 M]

345 mm



A workplace for plaster model fabrication, based on specialized table DT 9.1 PLASTER, would allow compact and comfortable placement of all the necessary equipment.





DU 3.1 PIN ART

Drilling unit for producing saw cut models

- Infrared sensor for automatic turning-on/off
- Light positioning of drilling point on dentition occlusal surface
- Drilling depth control, circular platform marking for dentition centering



VT 1.1

Vibratory table

- 2 working frequencies: 3 000 / 6 000 min⁻¹
- Oscillation power controller
- Vibration arc



AT 2.1

Arc trimmer for plaster model machining with conical and cylindrical cutters (dentition edging)

- Socket for synchronous exhaust turning-on/off
- Provision for LUX 2.1 light attachment



BIN 5.0 M /10.0

Plaster storage and feeding hopper

- manual plaster feeding
- 5/10 kg capacity



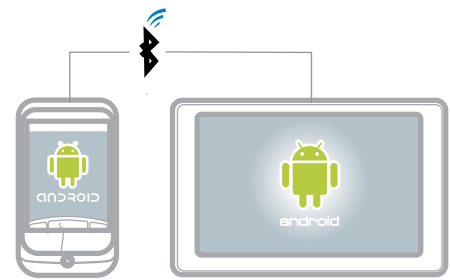
TRIMMER 1.0

Trimmer for «wet» plaster model smoothing

CASTING LABORATORY EQUIPMENT

CASTING UNITS

- Uniform induction heating of metal
- High-speed casting, high efficiency
- Power control while melting
- Proceeding from melting to casting with a single button
- Compactness, desktop design
- Power supply from 220V / 50Hz / 16A single-phase standard domestic line, and autonomous cooling
- Melting temperature $T_{max} = 1\,700\text{ }^{\circ}\text{C}$. Metal weight = 10 – 100 g
- Working frequencies = $66 \pm 5\text{ kHz}$
- 2-year warranty



An Android smartphone or tablet may be used as the controls



CASTER'S WORKPLACE:

EMF 11.1

Electric muffle furnace

CCU 1.0 VERSION ART

Compact compression casting unit

COOLER 1.0 FLASK

Mold box cooling device

DT 7.0 VERSION

Specialized table

ACM 2.0

Autonomous cooling module

CCU 1.0 VERSION ART

Compact compression casting unit

- The best solution for small and «home» labs
- Built-in vacuum pump
- Metal melting in vacuum, injection molding
- The crucible is formed when the mold box itself is fabricated
- Metal capacity: 10 to 100 gram
- An autonomous cooling module is included.



CIC 1.0 VOLCANO ART

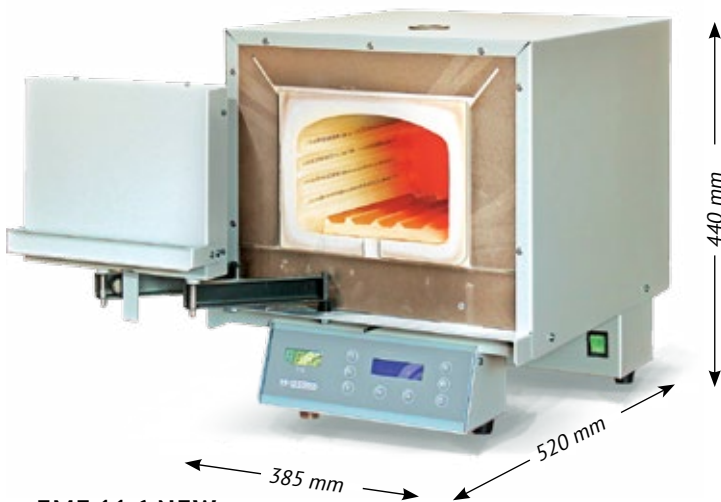
Centrifugal induction casting unit

- Digital control of melting modes
- Programmable quick and soft starting of the centrifuges with initial acceleration control
- Reduced power consumption
- AMO cooling module included



ELECTRIC MUFFLE FURNACES

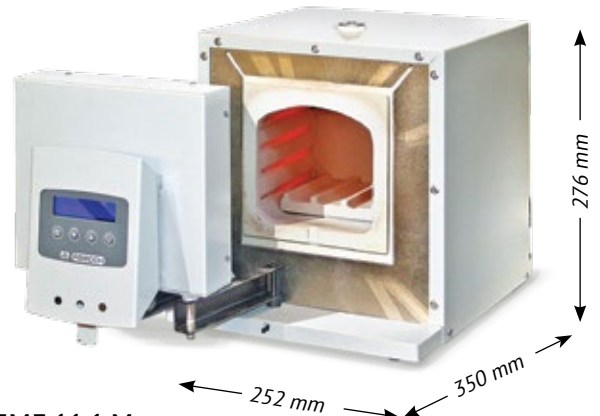
Temperature $T_{max} = 1\ 050\ ^\circ\text{C}$. Heating rate = 1 to 30 $^\circ\text{C}/\text{min}$



EMF 11.6 NEW

For large labs

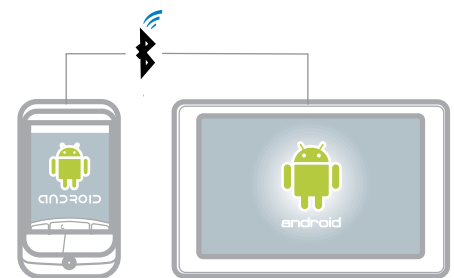
- Horizontal loading. High capacity
 - up to 6 mold cylinders X9. 190 × 250 × 125 chamber
- The temperature of mold box setting into the furnace (700 – 800 $^\circ\text{C}$) is achieved in 20 minutes
- Forced removal of combustion products using the built-in exhaust



EMF 11.1 M

To heat up mold cylinder in the pressable ceramics technology and for casting labs with small workloads

- No external forced exhaust required
- Compact working chamber – loading single mold cylinder X9



An Android smartphone or tablet may be used as the controls

EMF 1.0 COMBY

To heat up the mold cylinders in the pressable ceramics technology and casting mold cylinders when working with CCU 1.0 VERSION (see page 19).

- Vertical loading
- Capacity: 3 mold cylinders $d=3$ or 1 mold cylinder $d=9$
- Takes minimum space



For the placement of casting equipment, we recommend TD 7.0 CAST and TD 7.0 VERSION



Hood CAP 11.1 (11.6) EMF

Exhaust hood

- Provides exhaust and venting of the gases emitted in the process of furnace operation.

PRESS 3.0 MOLD

Mold cylinder pressure sealing apparatus

- Provides quality castings
- Investment into hard-to-reach areas and no balls on the cast surface
- Capacity: up to 3 mold cylinders X9
- Convenient servicing
- Up to 6 bar compressed air supply required



Casting without mold cylinder sealing



Casting with mold cylinder sealing



TONGS 1.0 MOLD

- Metal tongs for casting mold cylinders
- 43 cm in length



COOLER 1.0 MOLD

Mold cylinders cooler

- Mold cylinder cooling stage reduced by 30 minutes
- Simultaneous cooling of up to 15 mold cylinders X9
- Low noise level, easy servicing



GCM 3.0 M CAST

Gate cutting machine

- Provision for exhaust connection and LUX 2.1 light attachment
- Synchronous cutting disk and exhaust turning-on
- Storage shelf

CASTING OF PLASTICS AND FABRICATION OF MOUTHGUARDS

THERMOPRESS 3.0 M / 3.0 SMART M

Fabrication of prostheses by thermal transfer molding

- It is possible to use any cartridges (22/25/28 mm), including creasable
- Heating of the flask simultaneously with the cartridge
- Auto and manual modes
- 6 bar maximum settable pressure
- 400 °C maximum cartridge heating temperature – wider range of used plastics
- Memory storage of 10 programs for THERMOPRESS 3.0 M and unlimited number of programs for THERMOPRESS 3.0 SMART M
- Possible extrusion of chemically curing plastics
- Built-in flask cooling fan
- THERMOPRESS 3.0 M – control using the built-in panel
- THERMOPRESS 3.0 SMART M – control using Android-based tablet computer
- For toxic gases removal, we recommend using together with DT 7.0 PRESS table

Flask CUVETTE 1.0 – universal sectional flask, working portion diameter = 100 mm

Flask CUVETTE 1.0 MIDDLE – smaller flask for the thermal pressing of denture fragments, bridge, d = 80 mm

Flask CUVETTE 1.0 MIN – smaller flask for the thermal pressing of denture fragments, bridge prostheses, and cosmetic prostheses, d = 60 mm



Special table DT 7.0 PRESS – special table for the placement of THERMOPRESS 3.0 M/ 3.0 SMART M



THERMOFORMER 1.0 PNEUMATIC

Programmable apparatus
for the fabrication of dental splints by hot
pressure molding of sheets on the model

- Infrared heating provides high rate of sheet heating
- Fabrication of single- or multi-layer mouthguards, including those for sports
- Working with any models: mountless, knocked off from occluder, and even plastered on articulator plates



THERMOFORMER 1.0 VAC

Fabrication of plastic single-layered
splints by vacuum (vacuum former)



POLYMERIZATION OF CHEMICALLY CURING PLASTICS



Automatic pressure polymerization apparatus

- Tmax = 125 °C, Pmax = 6 bar, up to 1 h 40 min retention
- Digital control and indication
- Separate air and water discharge from the chamber
- Polymerization possible in a THERMOPRESS flask

PPA 1.0 ART

ACCOMMODATES UP TO 2 FLASKS
CUVETTE 1.0 SHARK

PPA 1.0 BIG

Accommodates up to 4 flasks CUVETTE 1.0
SHARK



PMB 1.0 ART

Automatic hot polymerization bath

- 2-stage heating with HEATING-RETENTION intervals
- Tmax = 100 °C, retention of up to 5 hours
- Accommodates up to 6 flasks

STEAM-JET EQUIPMENT

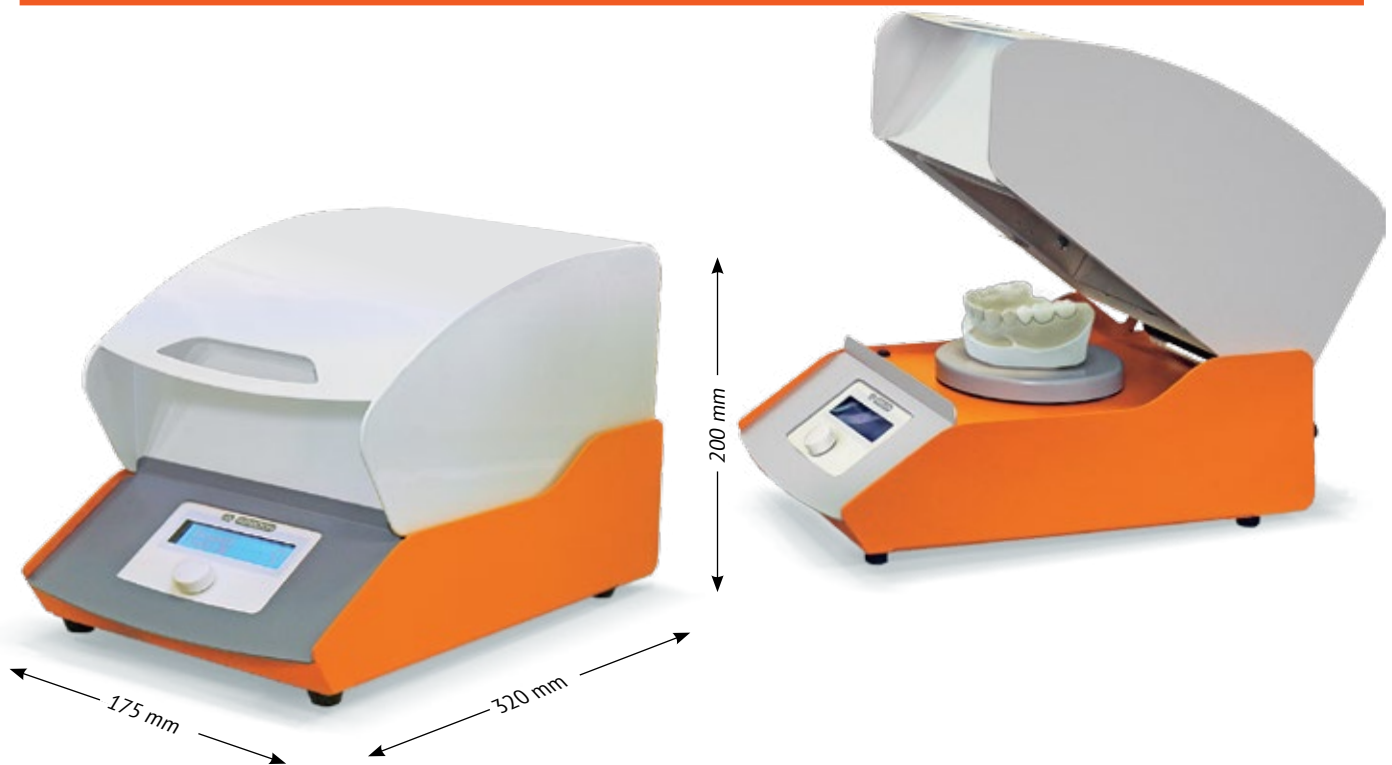
Steam-jet device

SJD 4.3 GEYSER

Integrated workplace for surface
decontamination and degreasing

- Working pressure = 4 bar
- Steam generator working capacity = 4 L
- Digital pressure control and indication
- Water absence alarm
- Original heater design: the life is independent of scale and deposits, does not fail in the absence of water, generates steam unto the last drop
- Condensate and waste collector box - B 1.0 STEAM
- Steam gun holder





FOTOPRESS 1.0 ART

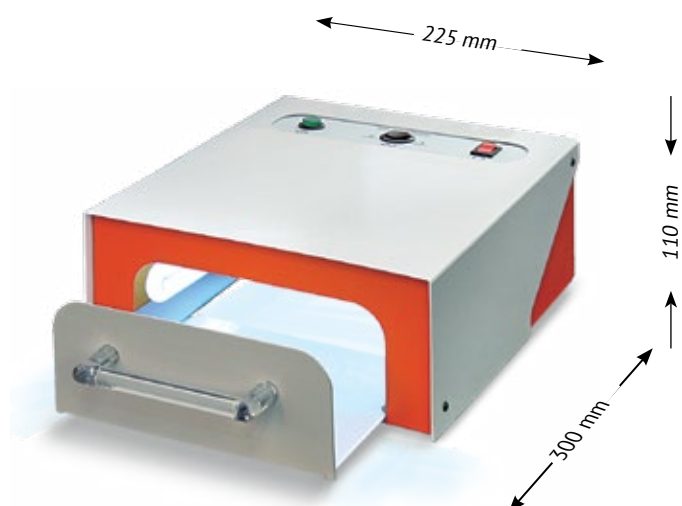
Light polymerizer for composite materials

- Omnidirectional LED source of energy with the wavelength of 460 to 470 nm
- Halogen lamp for item heating
- Timer up to 10 min with the increment of up to 10 sec.
- Built-in programs for GC GRADIA, Solidex, Ceramage, TWiNY, Luna-Wing Oksomat-AN, Esterfill
- Rotary working table for uniform prosthesis polymerization



Polymerizer PMU 1.0 NEW

Light (UV) polymerizer for plastics for individual trays



ECO MULTIFUNCTIONAL DENTAL DRILLS

- Automatic soft turning-on/off of the exhaust simultaneously with the handpiece protects the technician's health from plaster, ceramic, and other dusts
- The exhaust does not run idle, there is no equipment wear or unnecessary power consumption
- The power unit is placed under the table top. In the work zone, there is only the control (MODIS) with digital indication
- Control from the foot pedal or control button
- Stable torque in wide speed range. Comfortable work with metal, ceramics, plaster
- Handpiece soft starting and shutdown

DD 1.0 ECO OPTIMUM

Dental drill

- NBM 7.0 collector handpiece (manufactured in South Korea)
- Maximum speed = 35,000 rpm
- Maximum shaft torque = 480 gfcM
- Smooth speed control
- Synchronization with the exhaust
- Reverse mode
- Exhaust power control
- Exhaust soft starting and shutdown – saves the exhaust package life

DD 1.0 ECO PROS

Dental drill

- DD 1.0 ECO OPTIMUM + electric wax knife with MODELLER M 5.1 tip (1)
- Forced knife heating mode



POLISHING, GRINDING

ECP 2.2

Electrochemical polisher

- Polishing: 0.5 A to 6 A current, 10 s to 20 min time
- Automatic set current maintenance, short-circuit protection
- Titanium electrodes

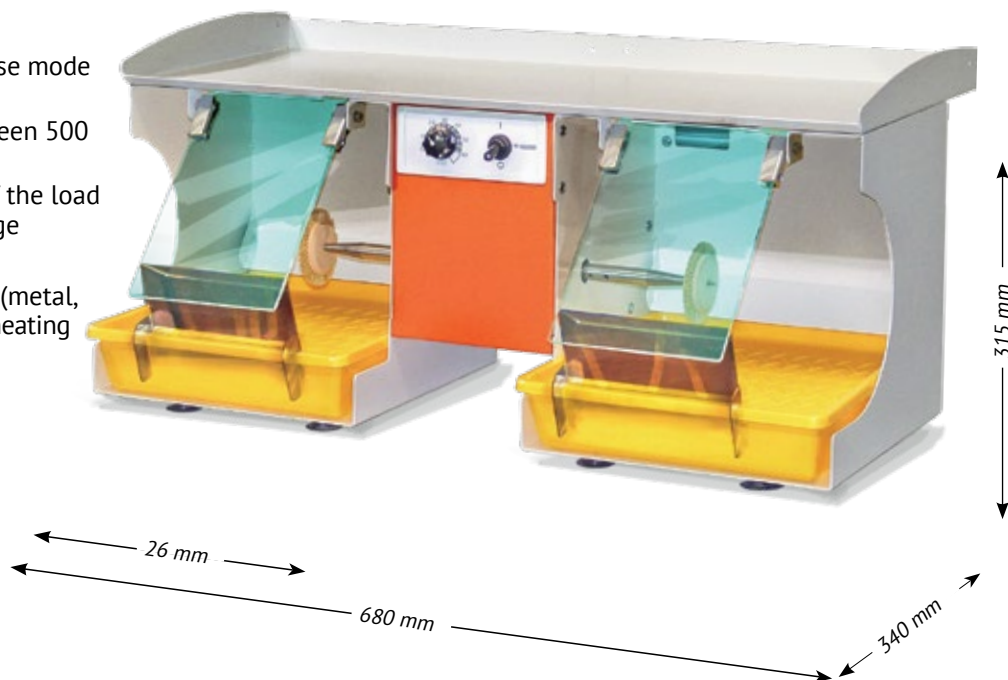


GRINDING MOTORS

Conical handpieces for the installation of polishers, brushes, buffs or grinding disks. Sockets for synchronous exhaust turning-on
Provision for the installation of LUX 2.1 light

POLIR 6.2 MASTER

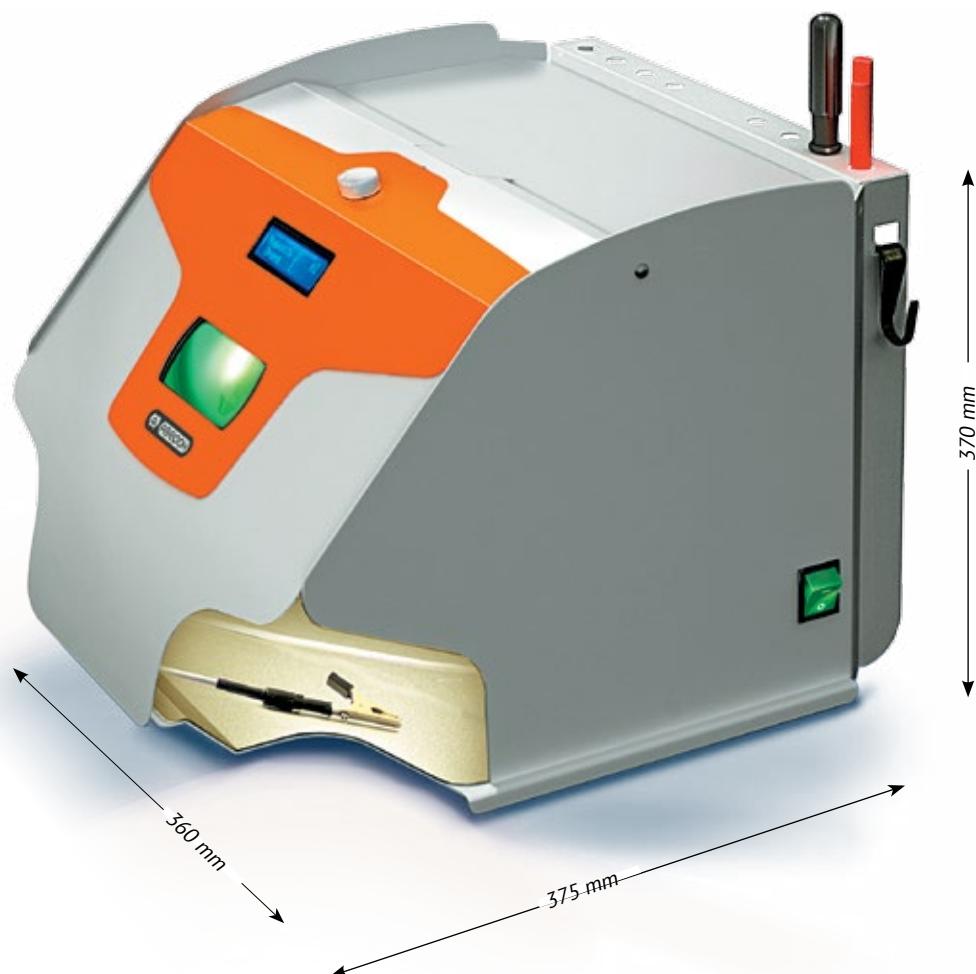
- The motor runs in three-phase mode with maximum efficiency
- Smooth speed control between 500 and **6 000** rpm
- High torque independent of the load within the entire speed range
- Long running time
- Processing of any materials (metal, acryl, nylon) without local overheating and with maximum effect
- Accessories storage shelf
- 2 built-in boxes



POLIR 1.0 START

- 2,950 rpm fixed speed
- A shelf for the placement of models, dentures, to save working space and maintain order
- It is possible to use with boxes B 6.0 and B 6.0 BIG

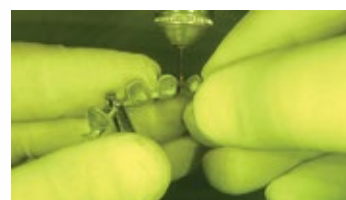




WILDFIRE 4.1

Micro pulse welding apparatus

- Argon-arc pulse welding of any dental alloys, including titanium
- Weld quality equivalent to laser welding
- Framework balance correction without cutting
- Power and pulse time control
- Additional low-current (8–66 A) mode for thin parts
- Multifunctional back wall



Before balance correction



After balance correction



MASTER LABORATORY TABLES FOR DENTAL TECHNICIANS

Basic set

- Multifunctional 3D back wall with slots and built-in pockets for tool accessories
- Three-dimensional table top with polymeric cover
- Shelf above the table top
- Table top side supports with removable storage pockets
- TRAY 1.0 MASTER removable sloping tray
- Shelf for MODIS control
- Built-in BN 2.0 blowing nozzle with retracting mechanism
- Removable armrests, bench filing pin
- Wear-resistant mat
- 5-socket electric unit, switch
- Tool attachment magnets set

Provision for the installation of:

- Lights LUX 1.0 NEW / NEW SUPER, LUX 1.0 MASTER, LUX 3.0 LENS
- Exhaust modules UEM 3.1 BASIS (START), UEM 2.0 MASTER, UEM 2.0 KIT, UEM 2.0
- Drawers KIT 1.0
- Features:
- Metal design
- Extensible storage system
- Left or right workplace arrangement
- Connection of tables via shelves and panels BRIDGE, CORNER, DELTA

Dental technician's table
DTT 4.3 MASTER TECHNO2



*LUX 1.0 NEW high-efficiency
fluorescent light*

*UEM 3.1 BASIS universal
exhaust module*

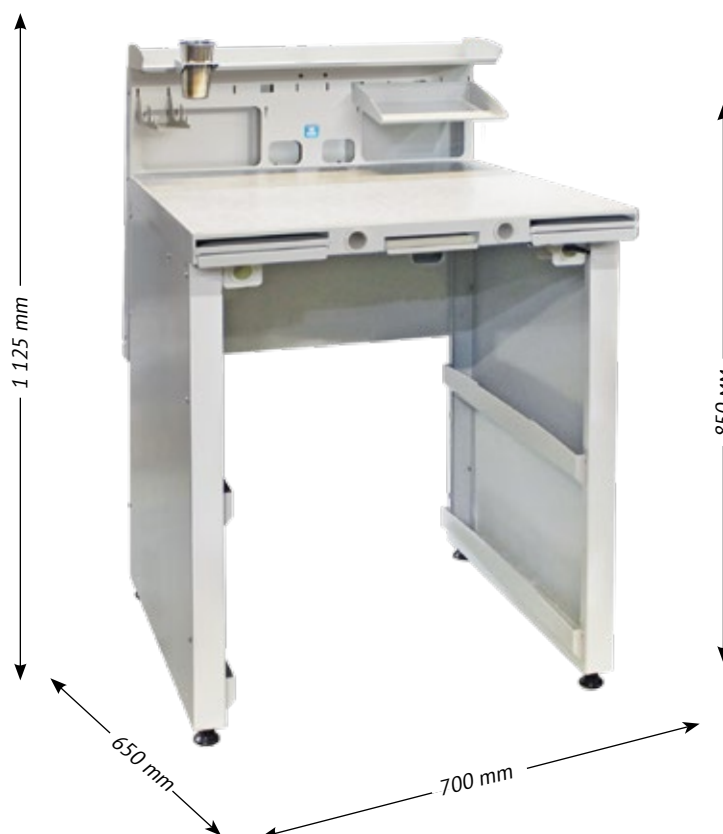
*CABINET 1.1 M
drawer chest*

DTT 4.3 MASTER MINI

Compact dental
technician's table

- Basic MASTER configuration
- 700 mm × 600 mm table top

Color scores
for DTT 4.2 MASTER MINI,
DTT4.2 MASTER:



DTT 4.3 MASTER

Full-size dental
technician's table

- Basic MASTER configuration
- KIT 1.0 drawers module
- REST 6.0 TOOLS suspended tool holder



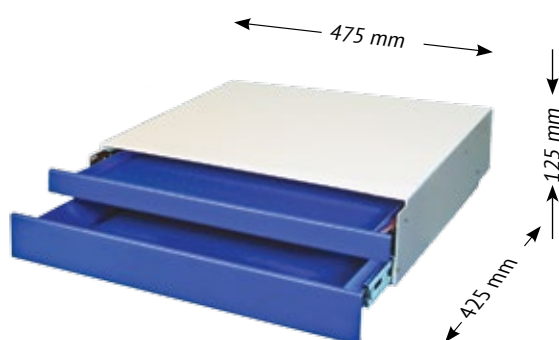
DTT 4.3 MASTER DUET

Dental technician's table for
2 workplaces

Basic MASTER configuration

For each workplace

- Common area:
SHELF 1.1 BRIDGE for
additional equipment
placement and PANEL
1.1 BRIDGE with trays to
store miscellaneous small
items, blanks, materials
- In the common area
under SHELF 1.1 BRIDGE,
- CABINET 1.1 M wheeled
drawer chest may be
placed



KIT 1.0

Universal drawers module
For completing dental technician's
table DTT MASTER series or any other
table
to organize the workplace by own
efforts



CABINET 1.1 M

Mobile drawer chest in metal
design
for the organization of tools
and materials storage. Table top
with a wear-resistant mat, three
drawers on ball guides, one
lockable

Additional possibility of
attachment to the back wall of
PANEL 1.0 CABINET

DTT 4.3 MASTER ACCORD

Dental technician's table in complete package

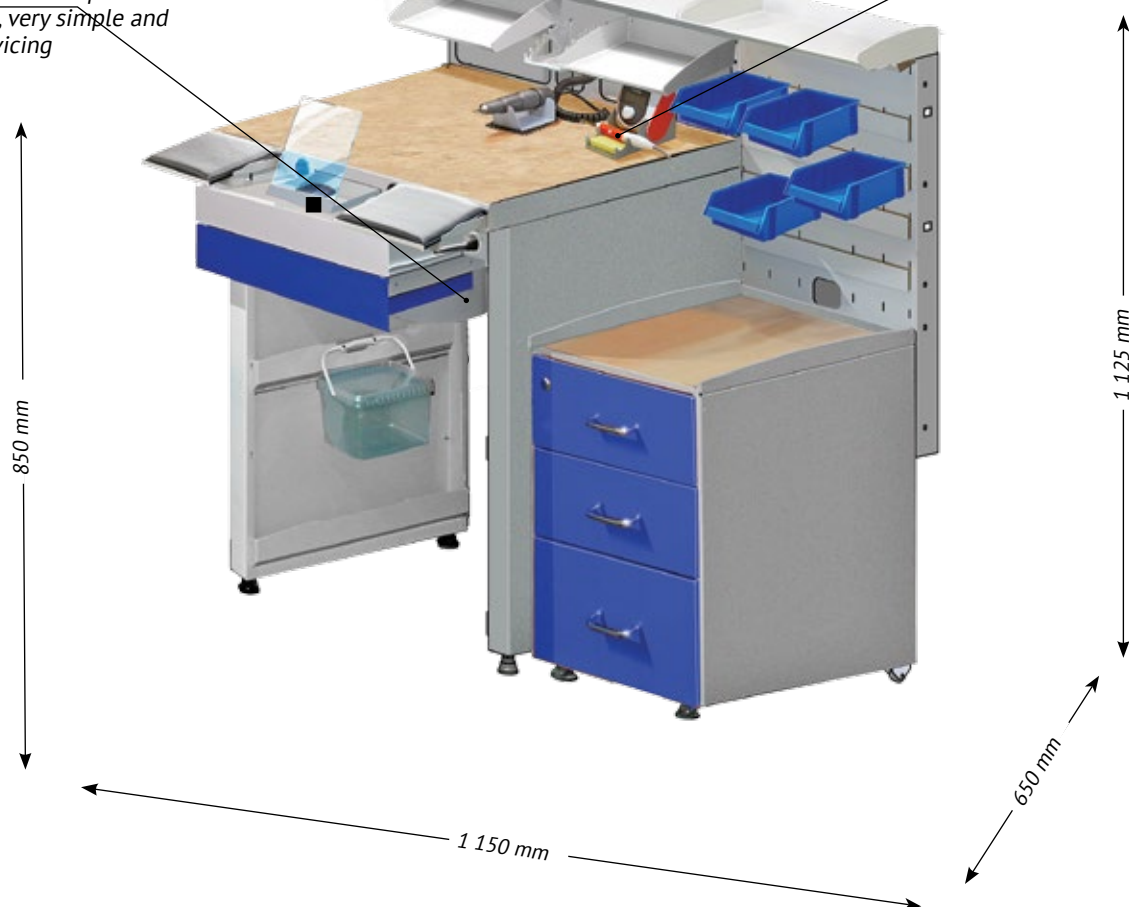
Convenient for those
who prefer out-of-the-box solutions

- Built-in dental drill, electric wax knife, exhaust power controller with common control
- Low-noise exhaust UEM 2.0 MASTER
- LUX 1.0 NEW shadowless light with pantograph
- Built-in 3-drawer chest
- Multifunctional back wall with top shelf, storage compartments, and holes for cables and hoses
- Provision for LUX 3.0 LENS light installation

*LUX 1.0 NEW fluorescent shadowless light
(page 34) with smooth vertical self-locking of
the shade*

*Built-in exhaust – powerful
and quiet, very simple and
quick servicing*

*Handpiece and
electric wax knife*



DREAM SERIES COMPACT MOBILE WORKPLACES

- For laboratories, dentist's offices. Built-in exhaust. Bagless filter cyclone
- 5-socket electric unit and switch
- Advanced storage system

- Provision for the installation of: BN 2.0 blowing nozzle, COOLER 1.0 BM, LUX 1.0 NEW / NEW SUPER, LUX 2.1 lights

DTT 3.0 DREAM ECO

Dental technician's table

Enclosed working area based on B 5.0 MASTER ART box

- Possible carbon filter installation
- For work with a dental drill and toxic plastics

B 5.0 MASTER ART spacious universal box (see page 42) and all its unique advantages



DTT 3.0 DREAM

Dental technician's table

- For dental drill operation



CLAMP 1.0

Universal clamp to attach LUX series lights to the edge of a table top up to 40 mm in thickness

- 4-tool holder is provided



LUX 1.0 LED

LED light

Illumination intensity 3500 lux

Quick and easy position locking without excessive efforts or additional tools

Mounted on DTT MASTER series tables, or, when using a CLAMP 1.0, on any table top 15 to 40 mm in thickness



LUX 2.1

LED light

- On a flexible bracket for local lighting of the working area



LUX 3.0 LENS

Light with a lens and shadowless backlighting

125 mm lens diameter x3 zoom

Controllable height 1 000 mm

On a clamp

The light is adapted for the installation on DTT MASTER and DREAM series tables



LUX 1.0 MASTER LED

Specialized multifunctional
led light for DTT MASTER table
Non-flickering natural daylight,
up to 4 500 lx illumination level

Features:

- The shade sized as the table top ensures uniform lighting of the entire table top surface
- Smooth shade position control in horizontal plane
- Storage system built into the structure: spacious top shelf, drawer, vertical panel for trays suspension, TRAY 1.0 MASTER included
- Provision for the installation on LUX 2.1 local light shade



Sliding top shelf for tools and useful small items



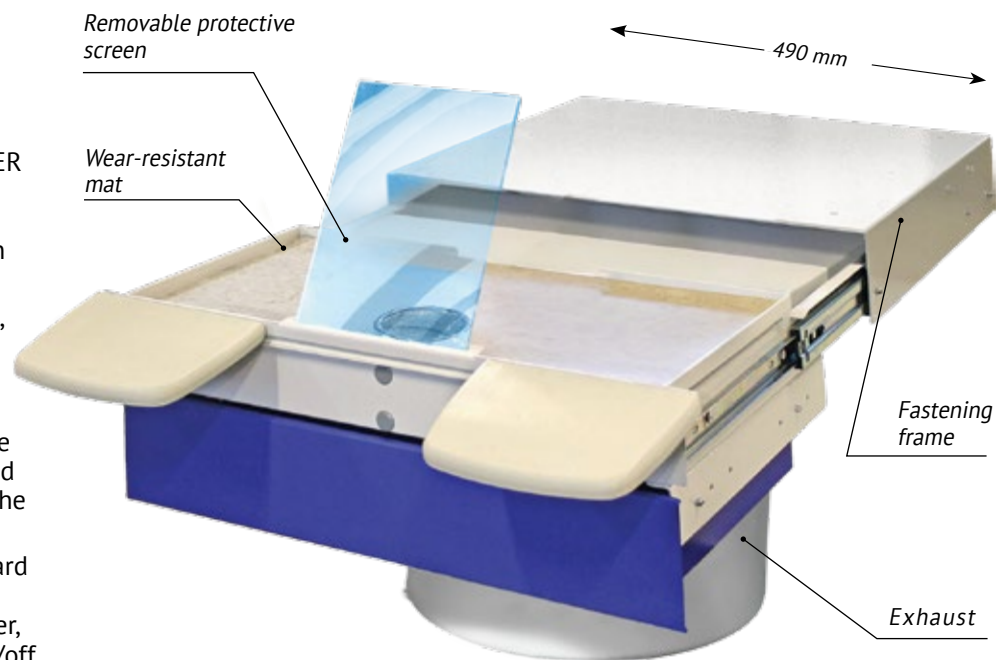
Possible suspension of additional shelves and trays

INTEGRATED EXHAUST SYSTEMS FOR WORKPLACES

UEM 3.2 BASIS

Multifunctional exhaust system

- Used to complete any MASTER series table, and also to organize the workplace on a non-specialized table by own efforts
- Installed under the table top, forming the second working area level
- Original design solutions provide low noise level of the built-in powerful exhaust, and convenient maintenance of the filters
- The built-in sliding table board position sensor, when using UPC 2.1 UEM power controller, provides exhaust turning-on/off



Effective filtration system

UEM 3.2 BASIS, UEM 2.0 MASTER: a sieve; a single use dust collecting sack; pre-engine fine filter.

UEM 3.2 START: a sieve; a single use dust collecting sack.



UEM 3.1 START

Universal exhaust module

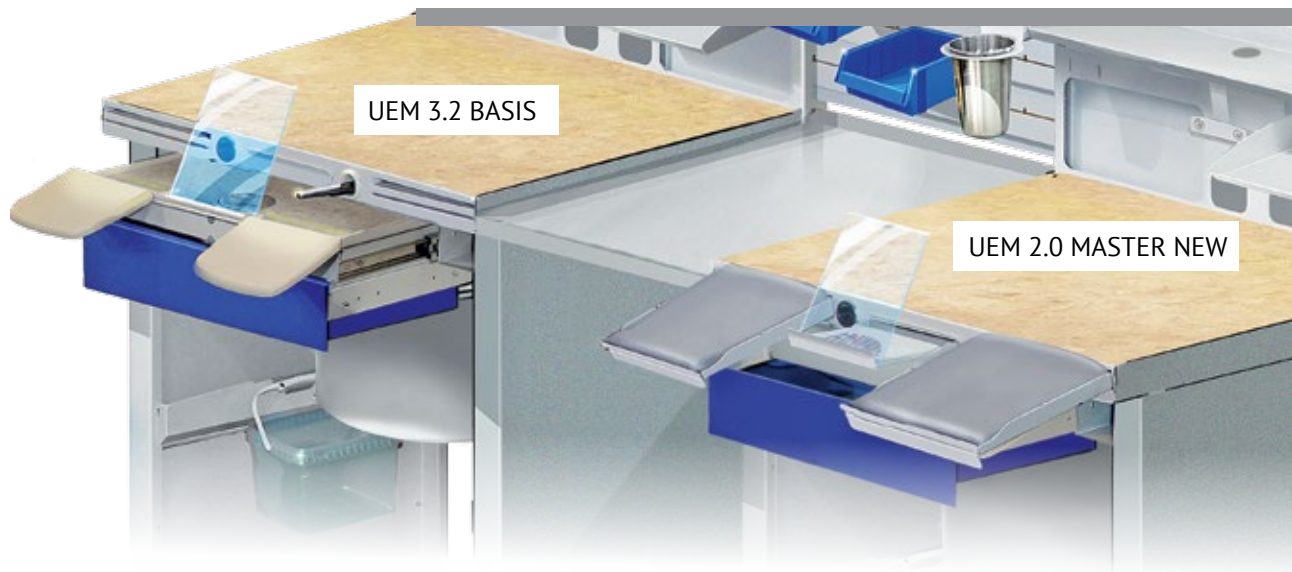
- UEM 3.1 BASIS design without a built-in exhaust module
- For working with any external vacuum cleaners (including domestic vacuum cleaners)

UEM 2.0 MASTER NEW

Integrated exhaust system for MASTER series table only

Features:

- Built-in powerful exhaust with comfortable noise level (borrowed from UEM 3.2 BASIS)
- Convenient maintenance of the filters compartment
- The sliding working platform at the table top level provides waste removal from under the tool
- Drawer for wastes under the working platform



UEM 2.0 NEW

Stationary exhaust module
Provides waste removal when drilling
For MASTER series tables,
UEM 2.0 MASTER NEW



DUST SUCTION DEVICES

The main advantage of the AVERON filters and exhausts is the easy servicing

The exhausts have low noise level at powerful suction force

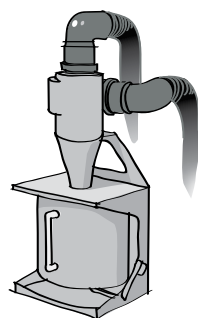
The multi-stage filtration system and additional dust protection guarantee quality and long operation

The filters are universal and reliable and have increased cleaning interval

DSD 7.2 COMBY

Multifunctional exhaust set comprising the exhaust, filter cyclone, and working table combined in a single body

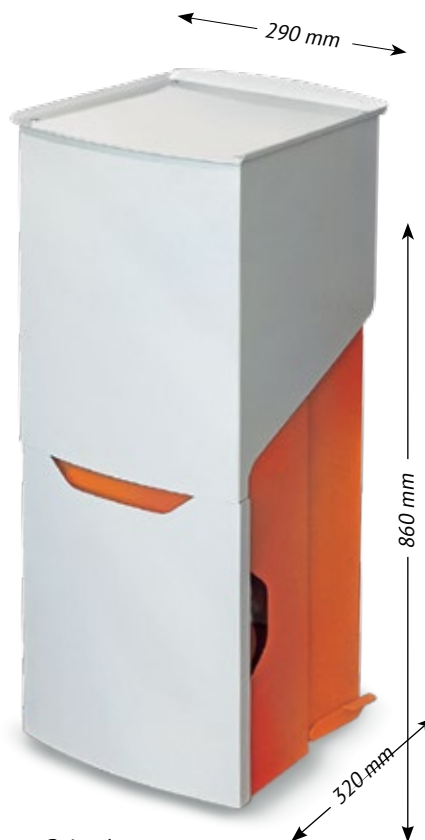
- Takes minimum area – as little as $0.3 \times 0.3 = 0.09 \text{ m}^2$
- Easily movable across the lab owing to roller supports
- Comfortable for seated and standing work
- Has a provision for the attachment of DU 1.0 ECO dental drill and LUX 2.1 light



AFC 1.0 ART
cyclone filter



DSD 5.0 ART
exhaust



2 in 1:
DSD 7.2 COMBY exhaust

Convenient and quick servicing: remove the container where 99 % of waste are trapped and dispose with garbage. The exhaust filter is serviced just as easily as seldom! The third-level (fine) filter is replaced even more seldom.



DSD 1.0 STAYER PLUS

Dust suction device with the exhaust module based on a brushless motor

Provides low noise level and long continuous operation
Built-in power controller

DSD 5.0 ART

Dust suction device

Used for cleaning from dust at both the workplace and operations with sandblasters, dry trimmers, and other equipment



COMPACT WORKPLACES BASED ON DSD 7.2 COMBY

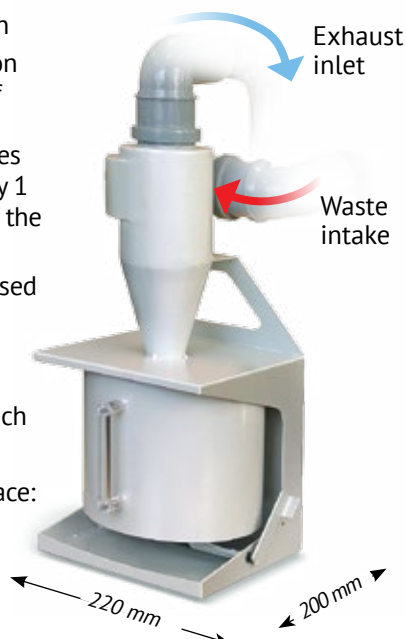


FILTERS

AFC 1.0 ART

Autonomous cyclone filter

- Quick-detachable bin
- 95% to 99% purification efficiency regardless of the bin filling: of 100 g plaster dust, 99 g settles in the cyclone and only 1 g gets into the filter of the exhaust itself
- Recommended to be used as 1st-stage filter
- You will have to buy vacuum cleaner replacement filters much more seldom
- Optimized working space: may be hung on a vertical surface



Can be connected in the integrated system with exhausts DSD 5.0 ART and DSD 1.0 STAYER PLUS



One-two - three cleaning:

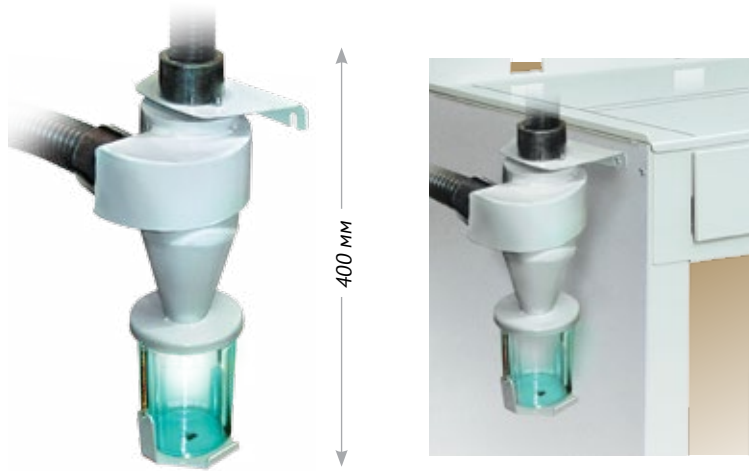
- One** – remove the waste bin
 - Two** – discharge the contents
 - Three** – replace the bin
- DONE!**



AFC 1.0 MINI

Mini cyclone filter

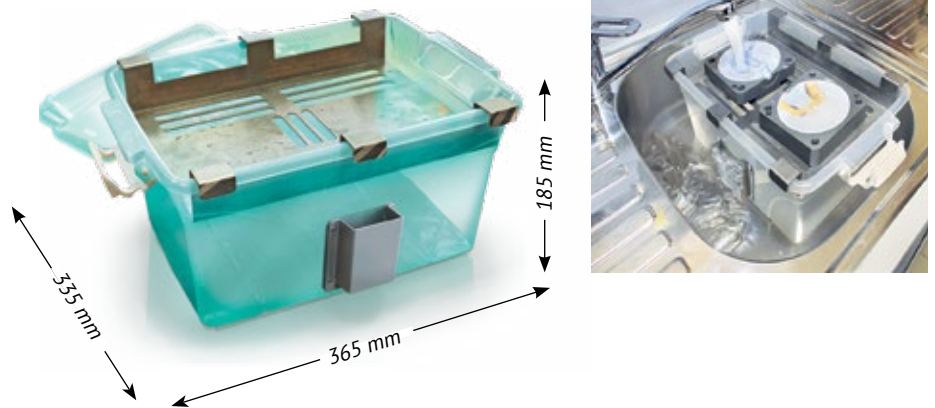
- Compact transparent bin 0.5 l
- Hanged on a vertical surface
- Adapted for tables MASTER, DREAM, ELEMENT series



AMF 1.0 WAX

Autonomous filters module

- Convenient and effective device for sewer's protection from wax washed out in the process of removable denture fabrication
- It may be installed in any sink and is easily serviced.



AFM 1.0 ART

Autonomous filters module

- Recommended to be used as 2nd-stage filter downstream AFC 1.0 ART, in which case even domestic vacuum cleaner may be used
- Comprises preliminary filter and final fine filter



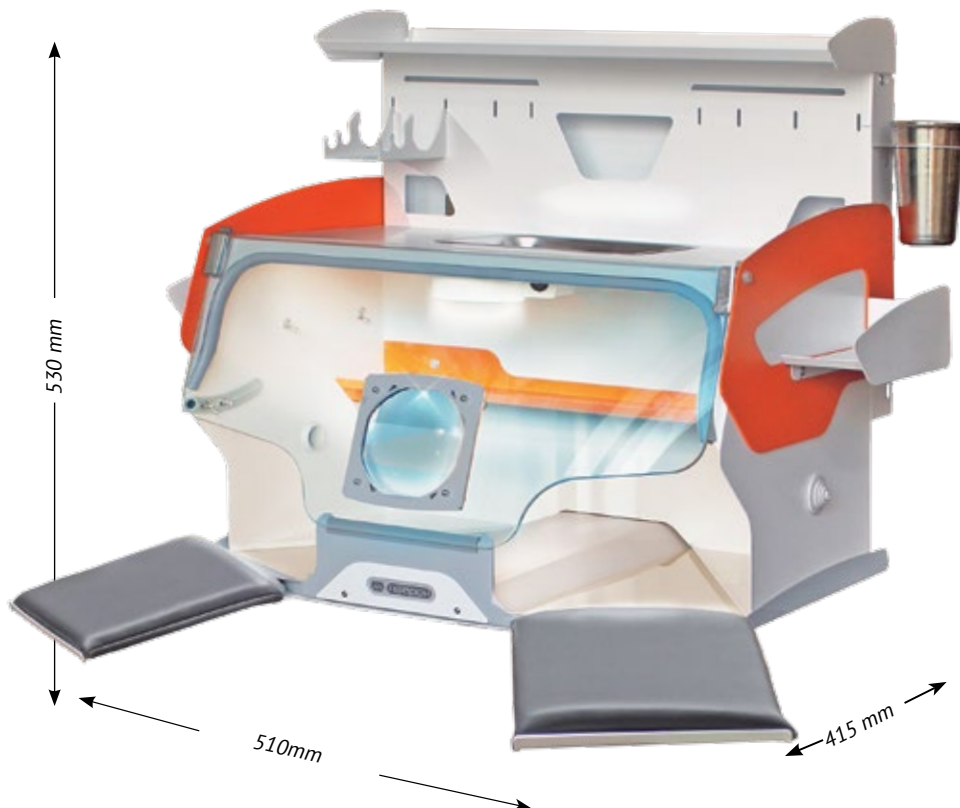
FPS 2.0 / FPS 2.0 MINI

Flow-type plaster separator

- 18L / 15L working capacity, accordingly
- Connected between a sink and the drain pipe
- Separates the mixture flowing from the sink: precipitates plaster and sand for further disposal, discharges the clarified water to the sewer

BOXES FOR DENTAL WORKS

Light, compact, can be mounted anywhere. Equipped with a bushing for exhaust hose quick attachment. Typically have built-in lighting



B 5.0 MASTER ART

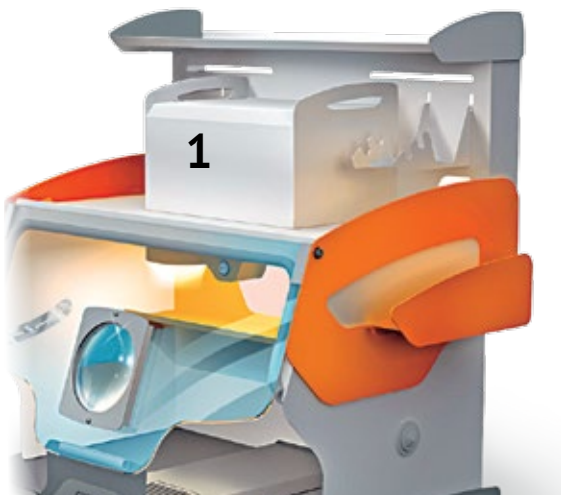
Multifunctional box for the organization of workplaces in labs and offices

- Spacious enclosed working chamber (dimensions: 50 × 31 × 36 cm) convenient for various process operations
- Soft washable arm supports
- The transparent protective screen provides wide field of view of the working area
- The swing design of the screen provides prompt access to the tools and materials inside the chamber
- Compact and bright LED light
- The pan with a built-in exhaust channel provides the removal of fine waste from under the tool
- Three shelves to place tools, materials, models
- Provision for CAP 5.0 BOX ART carbon filter installation (not included in the scope of supply)
- All the box components (shelves, pan, light) are easily detachable, which is convenient when cleaning and washing the working chamber

CAP 5.0 BOX ART

Carbon filter module (1)

- An additional option for B 5.0 MASTER ART box
- Neutralizes odors and noxious gases when working with plastics.



B 7.0 / 7.1 MOBILE ART

Mobile enclosed box

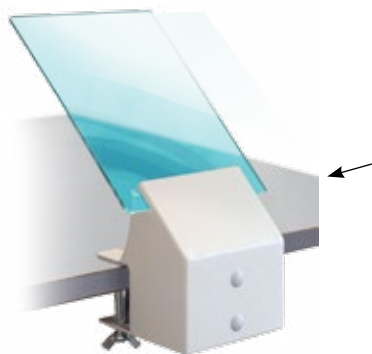
- Designer's ART range
- Compact design
- Optimum for both orthopedists and dental technicians
- Light and miniature, 2 kg weight
- Flexible removable protective screen
- Provision for LUX 2.1



B 6.0

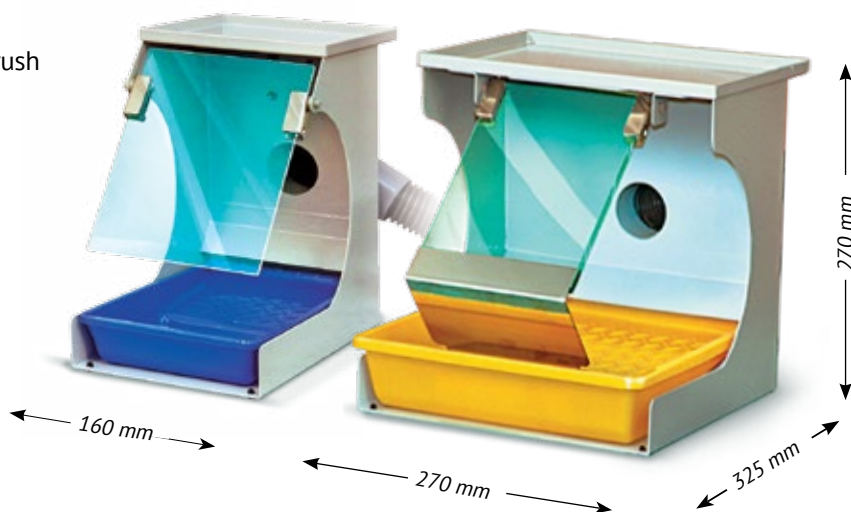
For grinding motor operation

- Convenient for separate processing of plastics and metals
- Two pans allow quick proceeding to the next operation: change the pan and set another brush
- A shelf to place models and tools
- Provision for LUX 2.1 light



B 6.0 BIG

- Wider compared to B 6.0



UEM 1.0

Exhaust module

- Removable protective screen
- Disposable filters kit
- Clamp for the attachment to a desk 15 to 40 in thickness
- Provision for LUX 2.1 attachment

UEM 1.0 TABLE

Desktop exhaust module

Allows prompt deployment and removal of machining workplaces on any table with no additional tools



B 8.0 MEDIUM

Hermetic middle-sized box for especially dirty operations

For operations with dental drill, pneumatic chisel PC 1.0 PEDAL (deflasking), blasting module SBM 1.3 (sandblasting)

- LED light included
- Provision for dental drill hookup
- Adapted for accomodation on exhaust DSD 7.2 COMBY with no additional shelves



CHAIR 1.1 MASTER

Dental technician's chair

- Comfortable anatomical seat – comfortable long-term work
- Built-in storage system for magazines, catalogs, tools.
- Built-in exercise cable for limbering-up during work
- Easily movable on wheels across the lab
- Seat height: 500–570 mm



MOBILE INSTRUMENT TABLES

- Compact placement of equipment, instruments, and tools
- Roller supports with latches



URS 1.0



URS 1.1



URS 1.4

DT 9.1 PLASTER

Specialized table for the organization of a plaster model fabrication workplace

- Table top from stainless steel with a process hole for waste collection. Under the table top is a closed useful space with two shelves. Waste container
- Convenient sliding shutter door



COMPLEX WORKPLACE FOR PLASTER MODEL FABRICATION



DT 9.1 SINK

Multifunctional table with a sink

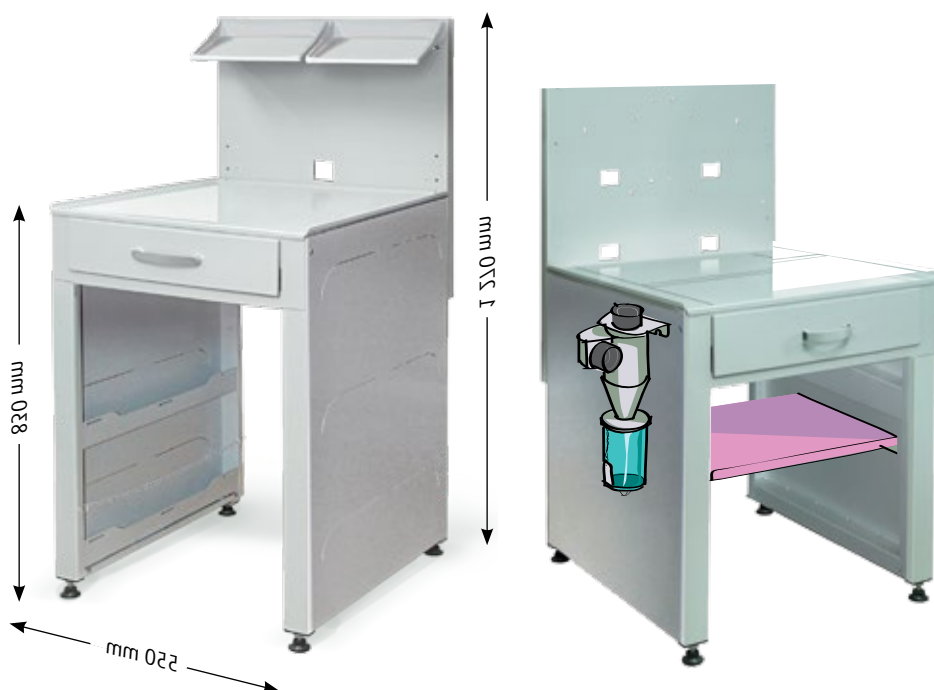
- Fully metal design with polymer coating
- Stationary top shelf
- Wire basket and storage trays
- Two internal removable storage shelves
- Easily openable convenient plastic shutter lockable in closed position
- It is possible to install VM 1.0 ART vacuum mixer, BIN 5.0 M plaster dispensing hoppers, LUX 1.0 NEW (SUPER) light, FPS flow-type plaster separator (not included in the scope of supply)



DT 1.0 ELEMENT / DT 7.0 ELEMENT

Universal laboratory tables

- A drawer and multifunctional 3D back wall
- 2x TRAY 1.0 MASTER suspended shelves
- CABINET 1.1 M drawer chest may be placed in the space under the table top
- The table is optimum for the organization of workplaces for plaster model processing, polishing, sandblasting, etc. Convenient equipment placement
- Provision for the installation of three shelves under the table top, different enclosed working area options may be formed above the table top



Universal laboratory tables DT 1.0 ELEMENT and DT 7.0 ELEMENT can be used as a base for specialized working zones.

Just add one of the specialized kits below and get a professional working place.



KIT 1.0 PLUS
Multipurpose
workplace

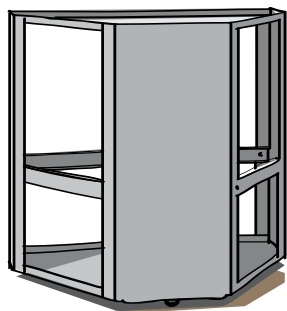
**KIT 1.1
SOLDERING**
Compact
exhaust box

**KIT 7.0
VERSION**
Casting mini
laboratory

**KIT 7.0
PRESS**
Accommodation
of a thermopress
or press-ceramic
equipment

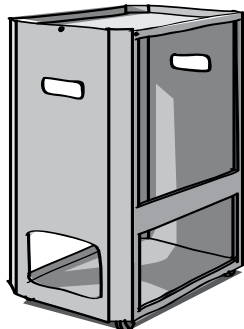
KIT 7.0 CAST
Accommodation
of a casting unit
CIC 2.0 VOLCANO

ADDITIONAL ACCESSORIES FOR TABLES



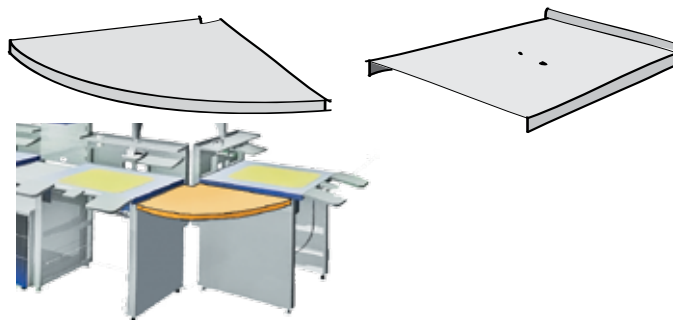
STILLAGE 1.0 CORNER

Triangle corner rolling-out three-shelf unit with three roller supports



STILLAGE 1.0 DIRECT

Direct central rolling-out three-shelf unit with four roller supports

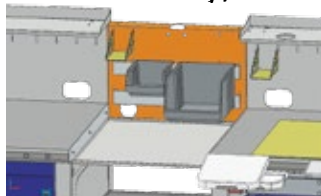
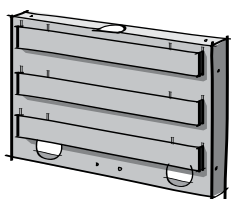
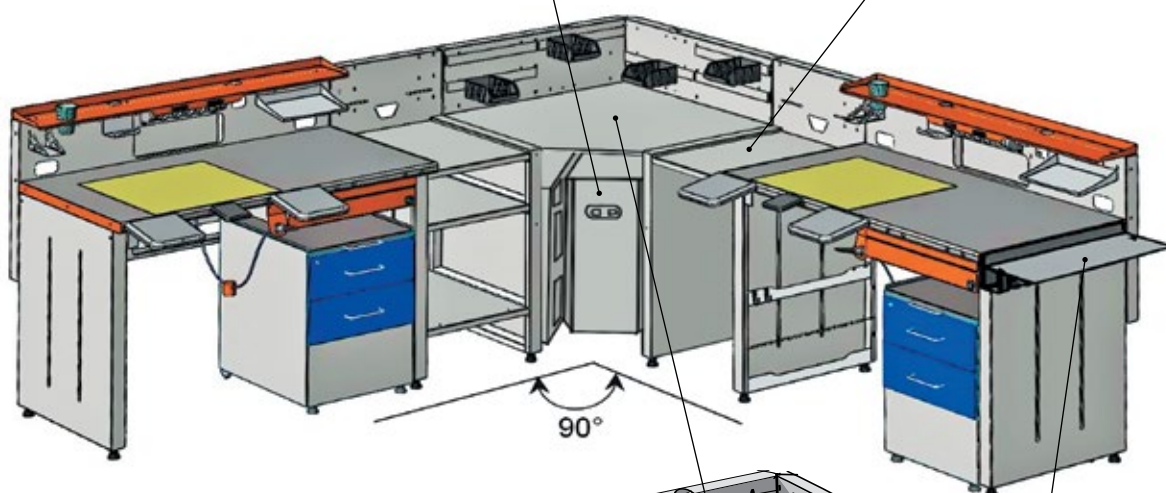


SHELF 1.0 DELTA

Oval corner shelf connecting the side walls of two tables standing at the right angle (external right angle)

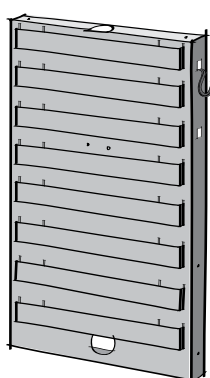
SHELF 1.1 BRIDGE

- Straight, connects two tables
- Fixed to side supports
- 402 mm in width



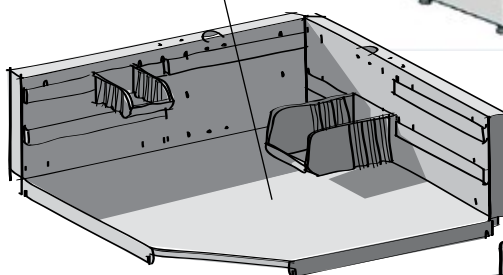
PANEL 1.1 BRIDGE

Multifunctional vertical panel for the connection of 2x MASTER series tables



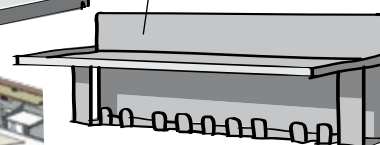
PANEL 1.1 BRIDGE BIG

- Multifunctional vertical panel for the connection of 2x tables
- Possible suspension of up to 24 TRAY 1.0 SMALL trays



SHELF 2.0 CORNER

The set includes a corner shelf and a multifunctional panel. The set is placed between two DT 7.0 or MASTER series tables standing at the right angle



SHELF 1.0 LOCAL

Combined shelf for one table, fastened to the side support, extends the table top's useful area, additional compartment for the storage of hoses, electric cables, and waste bags



FULLY ASSEMBLED
PRESS CERAMIC ZONE



POLIMERIZATION
ZONE