

2GRIND MINI

and the

## PRODUCTS Overview & Technical Data







## REITEL is stainless steel for over 30 years!

REITEL has built its reputation on a commitment to providing quality products made in solid stainless steel for dental laboratories and practices. Stainless steel is resistant to water, steam, humidity as well as weak organic and inorganic acids. It is easy to clean and fulfils all the necessary requirements in connection with rules and regulations on hygiene. Moreover, a compact and elegant design provides intuitive operating elements and rapidly replaceable functional elements.

#### "Made in Germany" – International.

All our products are built by hand at our premises in Bad Essen. Thus, we offer not only dental laboratory devices but also specialised products and other specialist items for mechanical engineering, jewellers and conservators. Our products are exported to over 60 countries in the world with a commitment to quality.

#### We are at your service.

Specialists with excellent knowledge are ready to answer your questions about our "Quality in stainless steel" products rapidly and efficiently. Our most valuable source is the pool of skilled staff who are always ready to listen to your requests and constructive comments. These, where appropriate, can be incorporated quickly into our production. Our customers and users also benefit from our front-line service support provided by our national and international commercial partners.



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#### 2|3





STEAMY MINI Steam cleaner

- » ideal for small laboratories and multi-user applications
- » fast temperature and pressure build-up due to integrated tank heating
- » insulated, ergonomic steam gun
- » optional nozzles and brushes available (see page 22)



SUPERSTEAM Steam cleaner

- » large capacity tank
- » dry/wet steam for cleaning, hot water spray jet for wax removal
- » steam pressure; variable quantity and moisture
- » compressed air function
- » pressure gauge
- » easy manual filling and onehand operation
- » optional nozzles and brushes available (see page 22)



TRONADA Steam cleaner

- » refilling is automatic
- » especially suitable for large dental laboratories
- » dry/wet steam for cleaning, hot water spray jet for wax removal
- » steam pressure; variable quantity and moisture
- » pressure gauge
- » optional nozzles and brushes available (see page 22)



#### **DELIMER COMFORT** Water descaling device

» descales tap water

- » perfect accessory for the TRONADA and other automatically filled steam cleaners
- » no time-consuming cartridge replacement required due to ion exchange principle
- » with optional water tap for manually fillable steam cleaners

#### ADVICE!



For all manually fillable steam cleaners we recommend the REITEL descaler. So your device remains permanently lime-free!



TECHNICAL DATA	STEAMY MINI	SUPERSTEAM	TRONADA	DELIMER COMFORT
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Water pressure	***	***	max. 4 bar	max. 3 bar
Current consumption	1.200 W	2.200 W	3.200 W	100 W
Dimensions (W x H x D)	33 x 28 x 33 cm	30 x 42 x 35 cm	33 x 42 x 35 cm	43,5 x 33 x 29,5 cm
Weight	8 kg	14 kg	15 kg	11 kg
Temperature	150°C	160°C	160°C	***
Pressure	4,5 bar	6 bar	6 bar	***
Capacity	3,51	51	51	approx. 1,5 l/min
Moisture + quantity	fix	variable	variable	***
Filling	manual	manual	automatic	automatic
Order-No.	10904000	14201000	10101000	20205000





The REITEL steam cleaners are perfectly suitable for cleaning all dental objects. Dirt that occurs in the laboratory daily e.g. greases, waxes or stubborn adhesions, can easily be removed without affecting the object itself. Environmentally safe due to no chemicals being required.

Thanks to the heating element inside the tank, you can reach the required temperature and pressure level in a very short time, allowing for quick and efficient steam cleaning. The robust steam cleaners are equipped with various safety features, so you will enjoy long time reliable operation. The ergonomically shaped steam gun ensures comfortable work.

The steam cleaners are available in different sizes as well as performance levels – depending on targeted application and space requirements.



BIOSTEAM CENTER Steam center

- » any occurring condensation is automatically extracted into a special filter
- » special triple filter system binds any contamination
- » free view when evaporating
- » no basin required
- » incl. bright LED lighting
  » can be set up anywhere in the laboratory



- STEAM BOWL Steam bowl
- » ideal for laboratories with limited space
- » clean working environment
- » keeps the work place free from steam, contamination and wax residues
- » convenient cleaning
- » robust stainless steel quality



**ADVICE!** The REITEL stainless steel spray helps you to remove dirt from your device in seconds. Just spray the stainless steel surface with the spray prior to the first use to provide a protective film against impurities. The protective film can be renewed by a few sprays.

(Ord.-No.: 90405000)

TECHNICAL DATA	<b>BIOSTEAM CENTER</b>	STEAM BOWL
Line voltage	230V/50-60Hz	***
Current consumption	200 W	***
Dimensions (WxHxD)	54 x 60 x 51 cm	ø 32 x H 27 cm
Weight	35 kg	2,5 kg
Order-No.	10106000	10110000

## Cleaning — in a dental practice





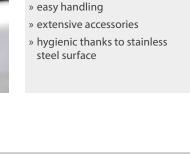
Insert tray, stainless steel Order-No.: 20400000 Insert tray, plastic Order-No.: 20401000



Beaker positioning cover,

with spout and ring holder

Insert basket, plastic,



TECHNICAL DATA	SONIRET
Line voltage	230V/50-60Hz
Current consumption	200 W
Dimensions (WxHxD)	28 x 21 x 19 cm
Tank-Dimensions (WxHxD)	24 x 10 x 14 cm
Weight	4,5 kg
Capacity	31
Order-No.	10200000



**PROTOFRESH** Denture cleaner

- » high cleaning performance due to left and right rotation
- » individually adjustable timing via digital timer
- » infinitely variable speeds up to 3,000 rpm
- » incl. beaker and 1 l of cleaning fluid
- » cleaner with 5 mm needles

REITEL-Clean, 1 l, Order-No.: 90406000

Cleaning needles, 5 mm, 50 g, Order-No.: 20500000

Sturdy plastic beaker, incl. cover and gasket, Order-No.: 20500055

Holding magnet, Order-No.: 2050006

TECHNISCHE DATEN	PROTOFRESH
Line voltage	230 V/50-60 Hz
Current consumption	150 W
Speed	max. 3.000 U/min.
Dimensions (W x H x D)	22,5 x 23,5 x 22,5 cm
Beaker dimensions (ø x H)	10 x 8 cm
Weight	7 kg
Capacity	ca. 0,61
Order-No.	10510000

Cleaning mechanism Inclination of the beaker: 30°







» for optimised cleansing results in places which are difficult to

SONIRET

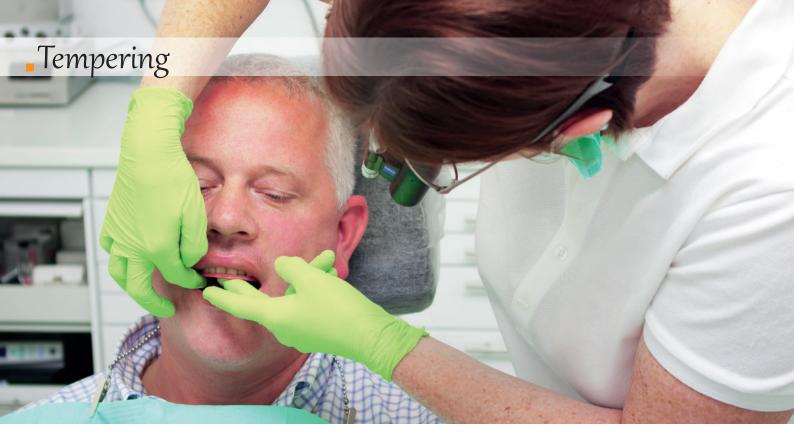
access

Ultrasonic cleaning unit » effective cleaning of tools and instruments

#### stainless steel Order-No.: 20403000 Glass beaker, low, Order-No.: 20402000

ø = 75 mm Order-No.: 20405000

Insert basket, stainless steel, ø = 60 mm Order-No.: 20404000



The THERMORET is used to heat thermoplastic materials (e.g. composites) become more fluid and easier to process. Practial work steps, such as the creation of a wax centric or functional impressions on full dentures, are thus considerably simplified. This saves strength, time and nerves – both for you and your patients. Even anaesthetics and instruments can be pre-warmed

using the THERMORET to the benefit of the patient during dental treatment!

Included in delivery is a stainless steel box for heating of registries. A separate water bath for processing wax plates etc. is therefore no longer necessary. You can simply remove the box for disinfection and sterilization.

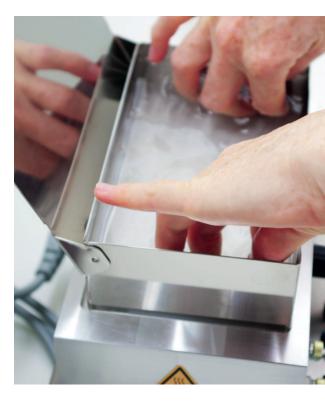


#### **THERMORET** Syringe/Composite warmer

- » pleasant effect for the patient through preheated anesthesia, bite registration, etc.
- » mirrors are kept fog free by heating
- » materials are easier to process
- » precise and stable temperature setting
- » box sterilisable with the thermodisinfector

**ADVICE!** We recommend placing a suitably cut tray pad on the bottom of the water tank. It prevents materials from sticking to the bottom when placed in the water. The cleaning of the container is thereby significantly easier.

THERMORET	
230V/50-60Hz	
180 W	
22 x 13,5/18 x 23 cm	
5,5 kg	
max. 70 °C	
0,81	
16002000	





The RETOMIX devices are constantly in motion, stainless steel is the ideal robust material for granting longevity. Convenient cleaning is another decisive benefit. Easy application reduces downtime and increases productivity.



**RETOMIX EASY** Vacuum mixing device

- » easy mixture of plaster, investment material and alginates
- » no compressed air connection required thanks to integrated vacuum pump
- » integrated, easily exchangeable filter system
- » wall mounted, incl. 400 ml mixing bowl



**RETOMIX MINI** Vacuum mixing device

- » precise mixing of plaster, investment material and alginates with digital timer
- » variable speed
- » no compressed air connection required due to integrated vacuum pump
- » integrated, easily exchangeable filter system
- » wall mounted, incl. 400 ml mixing bowl



Please consult our catalogue or website for

information on accessories such as the high

with different paddles.

quality mixing bowls for the RETOMIX vacuum

mixing devices, available in different sizes and

VACURET DIGIT Vaccum mixing device

- » homogeneous mixing of plaster, investment materials, alginates, silicones and certain resins
- » Digital color display with rotary controller
- » High quality vacuum pump
- » Brush-free motor for continuous operation
- » 4 fixed progrms, 24 programmable configurations and one manual setting

TECHNICAL DATA	<b>RETOMIX EASY</b>	<b>RETOMIX MINI</b>	VACURET DIGIT
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current consumption	420 W	420 W	600 W
Dimensions (W x H x D)	15,5 x 29 x 28,5 cm	15,5 x 29 x 28,5 cm	15,5 x 29 x 28,5 cm
Dimensions incl. stand (W x H x D)	22 x 71 x 36 cm	22 x 71 x 36 cm	22 x 71 x 36 cm
Weight	8 kg	8 kg	8 kg
Weight incl. stand	15 kg	15 kg	15 kg
Speed	fix 330 rpm	variable 370 – 630 rpm	variable 200 – 600 rpm
Vacuum	max. 93 %	max. 93 %	max. 98%
Order-No.	10606000	10607000	10608100







**400 ml mixing bowl** Order-No.: 21303000 Alginates: 26307000

600 ml mixing bowl Order-No.: 21304000 1.000 ml mixing bowl Order-No.: 21213000

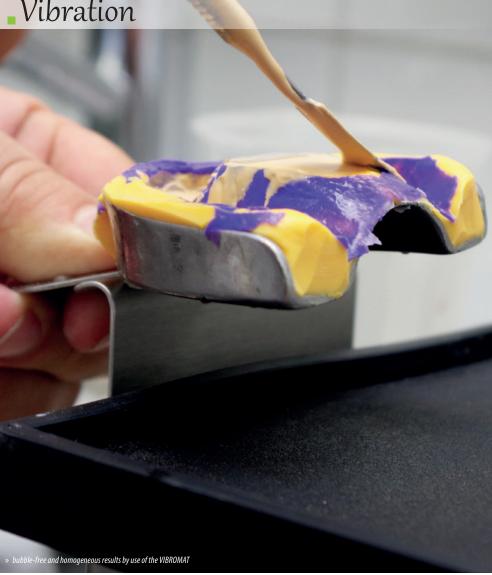




REITEL



## Vibration



In order to achieve a perfect result and to offer the patient an optimal solution, this device must not be missing during the dental workflow: the VIBROMAT! Thanks to this device, plasters

or investment materials become homogeneous and bubble-free. The strong performance and stability are the "nuts and bolts" when working with the vibrator.



#### VIBROMAT Vibrator

- » controllable intensity
- » two variable frequencies
- » suction rubber feet provide a firm footing and absorb the movement
- » easy removable and washable rubber tray
- » incl. lateral vibration support

TECHNICAL DATA	VIBROMAT
Line voltage	230V/50-60Hz
Current consumption	150 W
Dimensions (W x H x D)	30 x 12,5 x 17 cm
Weight	6 kg
Frequencies/min.	3.000 and 6.000
Intensity	continuously adjustable
Order-No.	14002000



The ROTOGRIND trimmer is available in three versions: The MINI version as a pure wet trimmer is perfectly suited for small laboratories. The ROTOGRIND NT with disc rinsing technology is well-equipped as both wet and dry trimmer for all applications and is also available as an orthodontic version. All trimmers include a smooth-running, carbon brush-free motor which ensures – combined with high-quality grinding discs – an optimal grinding pattern. Even at a speed of 3.000 rpm, a high level of stability is ensured thanks to the robust stainless steel housing. The front covers can easily be removed by special quick releases for convenient cleaning, fulfilling hygienic standards.



LASER GUIDE Optional extra for ROTOGRIND NT and ROTOGRIND NT KFO



LED WORKING LAMP Optional extra for ROTOGRIND NT and ROTOGRIND NT KFO



**ADVICE!** The front covers of the ROTOGRIND trimmers can easily be removed by special quick releases to ensure easy cleaning and replacement of grinding discs.



#### ROTOGRIND MINI Wet trimmer

- » perfectly suited for laboratories with limited space thanks to its compact design
- » robust stainless steel housing ideally absorbs movements
- » adjustable table
- » front cover can easily be removed by two special quick releases for easy cleaning and fast changeable discs
- » powerful brushless motor without carbon



ROTOGRIND NT Wet-/dry trimmer

- » operation switchable from wet to dry
- » incl. automatic wet disc rinsing technology. Motor stops immediately if the housing is opened
- » table can be fixed at any angle
- » hinged and removable front cover with quick release provides easy cleansing and replacement of grinding discs
- » especially designed for fully coated diamond discs



#### **ROTOGRIND NT KFO** with orthodontic angulation table

- » perfectly suited for grinding precise angles onto maxillary and mandible models
- » extra large grinding disc opening
- » smooth axial movement
- » variable angle adjustment with locking positions
- » if the table is not needed, it can easily be removed from the work area
- » optional laser guide

TECHNICAL DATA	<b>ROTOGRIND MINI</b>	<b>ROTOGRIND NT</b>	<b>ROTOGRIND NT KFO</b>
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current consumption	1.300W	1.500 W	1.500 W
Dimensions (W x H x D)	31 x 31 x 40 cm	35 x 35 x 47 cm	35 x 35 x 47 cm
Weight	20 kg	22 kg	22 kg
Speed	3.000 rpm	3.000 rpm	3.000 rpm
Disc diameter	25 cm	25 cm	28 cm
Order-No.	13400000	10301000	43305000 (Set)



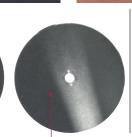




for ROTOGRIND NT / KFO



DIAMOND, FULLY COATED medium coating, backing disc in stainless steel Diameter: 25 cm Weight: 2,25 kg Order-No.: 20302000



DIAMOND, FULLY COATED rough coating, backing disc in stainless steel Diameter: 25 cm 2,15 kg Weight: Order-No.: 20303000

#### DIAMOND, FULLY COATED, FOR ORTHODONTIC USE

medium coating, backing disc in stainless steel Diameter: 28 cm 2,65 kg Weight: Order-No.: 20309000

# for ROTOGRIND NT and ROTOGRIND MINI

"PW": DIAMOND, PARTIALLY COATED mounted points, backing disc made of synthetic material Diameter: 25 cm 0,5 kg Weight: Order-No.: 23301000

#### ,DELTA": DIAMOND,

PARTIALLY COATED triangle segmented, aluminium backing disc Diameter: 25 cm Weight: 0,75 kg Order-No.: 23401000

#### SILICON CARBIDE

medium coating on both sides, backing disc not necessary Diameter: 25 cm Weight: 0,55 kg Order-No.: 20301000

ADVICE! For orthodontic dental technicians, we recommend the ROTOGRIND NT with an orthodontic front. In addition to the reliable wet / dry function, this trimmer version has an extra large grinding disc opening. You can also easily edit your models using the stable - yet flexible angulation table.

**CORUNDUM DISC** K80, Velcro disc

Diameter: 25 cm Weight: 0,05 kg Order-No.: 22205000

> **BACKING DISC** FOR CORUNDUM with Velcro fastener, made of aluminium Diameter: 25 cm 0,65 kg Weight: Order-No.: 22204000

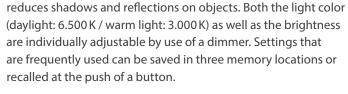


**ADVICE!** For dust extraction during the optionally used dry function, we recommend the DUSTY COMFORT wet and dry extraction unit for the ROTOGRIND NT / KFO. You will find more information about our extractors on page 20.

#### 10 | 11



Besides the optically appealing design, the REITEL workstation lights provide excellent luminosity and thus the best view on your working environment. An extremely lightweight design is also appealling. A diversion of the light rays with more than 100.000 microlenses ensures a homogeneous light distribution and







Optional extra for table installation

**SCREW CLAMP** 

of LED-Worklights

TECHNICAL DATA

Order-No.: 29172000



Optional extra for wall mounting

of LED-Worklights

Order-No.: 19101000

LED COMFORT LIGHT table installation set LED MINI LIGHT table installation set

- » adjusting screw allows flexible mounting, e.g. on a tabletop
- » movable in almost every direction and in each angle via five pivot points

Order-No.: 19111000

- » articulated arm and lamp made of extremely lightweight aluminum
- » optimal light for working at a test station
- » true color reproduction (Ra value: 90)
- » infinitely dimmable in brightness and color temperature
- » three memory locations for preferred settings

IECHNICAL DATA	LED MINILIGHT TABLE	LED COMFORT LIGHT TABLE
Line voltage	48V/50-60Hz	48V/50-60Hz
Current consumption	24 W	48 W
Dimensions (W x H x D)	30,4 x 3,1 x 19,8 cm	56,4 x 3,1 x 19,8 cm
Weight / incl. adjustable arm	0,65 kg / 1,45 kg	1,75 kg / 2,55 kg
Light color / R <sub>a</sub> value	white, adjustable / > 90	white, adjustable / > 90
Angle of radiation	approx. 60°	approx. 60°
Illumination 0,5 m	2.510 Lux	4.650 Lux
Illumination 1,0 m	664 Lux	1.322 Lux
Illumination 1,5 m	320 Lux	617 Lux
LED lifespan	> 50.000 h	> 50.000 h
Order-No. / incl. table installation set	19101000	19111000



REITEL

## Polymerisation / Light curing

REITEL offers you two methods for polymerising your workpieces, such as occlusal splints, dentures or individual impression trays. Only by use of this process you achieve the desired medical solution for the patients. For hot or cold curing products we recommend the POLYMAT polymerisation unit, conveniently accommodating articulators or multiple cuvettes. A maximum temperature of 120 °C (standard: 100 °C) and pressure up to 6 bar ensure the desired hardness and stability of your product. For work that requires a light cured resin or plastic, we offer an additional device, called POLYCURE. Several workpieces can be polymerised simultaneously, characterised by optimal curing conditions as well as generous space on a rotary disc.

Optional extra: can be ordered with a 120°C temperature extension



#### **POLYMAT** Pressure and heat polymerisation unit

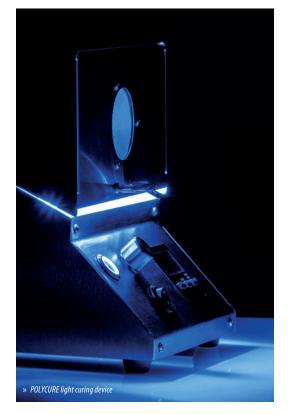
- » dental articulators or several
- flasks can be polymerised simultaneously
- » rapid pressure build-up
- » electronic temperature control
- » heating process can also be started when the lid is open
- » various safety features
- » heating unit placed outside the stainless steel tank

tion is included with which you can
easily remove your finished polymeri-
sed work out of the hot water.

ADVICE! A sturdy basket construc-

TECHNICAL DATA	POLYMAT
Line voltage	230V/50-60Hz
Current consumption	1.100 W
Dimensions (W x H x D)	33/62 x 33 x 38 cm
Inner dimensions tank	ø 22 x H 19 cm
Weight	22 kg
Temperature	max. 100 °C / max. 120 °C
Capacity	71
Pressure	max. 6 bar
Order-No. 100°C version	18301000
Order-No. 120°C version	28300000

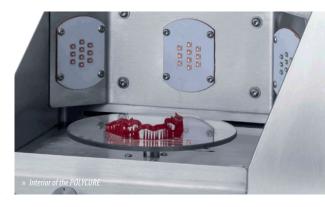






**POLYCURE** Light curing device

- » three light frequencies for different materials
- » durable high-performance LEDs
- » wide access area and free
- movement thanks to hinged lid » generously dimensioned rotary disc
- » individually adjustable time with a digital timer
- » integrated inner chamber ventilation prevents overheating of your workpieces



The POLYCURE light curing device is designed for materials in the field of dental technology and 3D printing. It cures resin and plastics within a short time.

TECHNICAL DATA	POLYCURE
Line voltage	230V/50-60Hz
Current consumption	100 W
Wavelength	385-390/405-410/465-470 nm
Dimensions ( $WxHxD$ )	21 x 21/44 x 33,5 cm
Rotary disc	ø 12,5 cm
Weight	5,5 kg
Order-No.	18310000

## Preheating



enough space can be found for several casting rings in the RETOMAT furnaces

The RETOMAT is designed for preheating and elimination of wax and castable resin. The series includes three furnaces with different capacities, so you can place several large casting rings simultaneously. The devices can be heated up to 1.150 °C allowing the required preheating temperature for every material. Together with one of the REITEL casting machines, you will





**RETOMAT MINI** Laboratory furnace **RETOMAT** Laboratory furnace achieve optimum casting results – regardless of whether using precious or non-precious metal. Choose between vacuum pressure casting or the classic flame casting centrifuge. Of course, all devices are equipped with an extremely sturdy housing made of high-quality stainless steel. We are glad to assist you while making your choice.



- » especially designed for precious and non-precious alloys and model casting
- » choose from three chamber sizes to suit your needs and the most commonly required casting ring dimensions
- » heating rate of max. 15 °C/min. (max. 900 °C/h), maximum temperature of 1.150 °C
- » heating elements on four sides ensure fast and even distribution as well as temperature compensation after opening the flap
- » optimal chamber insulation



- » EASY controller allows simple use (alternatively **COMFORT controller**)
- » incl. ceramic insert plate and ventilation fan adaptor
- » optional extractor for reduction of odours and smoke through cathalytic afterburning of furnace gases
- » convenient accessories available, e.g. casting ring drawer for hot casting rings (see accessories as from page 23)

**ADVICE!** Optionally, every model of the RETOMAT series is also available with the COMFORT controller. This offers precise temperature control with programmable parameters of temperature speed and hold times; up to 30 heating ramps, speed program and calendar function.

TECHNICAL DATA	<b>RETOMAT MINI</b>	RETOMAT
Line voltage	230V/50-60Hz	230V/50-60Hz
Current consumption	2.500W	2.600W
Dimensions (W x H x D)	39 x 53/61 x 45 cm	42 x 55/66 x 43 cm
Heating room dimensions ( $WxHxD$ )	16,5 x 11,5 x 15 cm	20,5 x 13 x 19 cm
Capacity	3,21	5,21
Number of casting rings (example)	4 x size 3	4 x size 6
Weight	32 kg	43 kg
Order-No. RETOMAT EASY	17404000	17405000
COMFORT control	17404001	17405001





#### **INDURET MINI** Vacuum pressure casting

- » gentle melting of the metal by individual generator power control
- » pre-melting of alloys is possible, but often not necessary
- » high pressure ensures a homogeneous and cavity free structure
- » connection to the water circuit or the optional water cooling unit

#### **INDURET COMPACT:**

» optional temperature control included



**RETOCAST I** Induction casting centrifuge

- » perfectly suited for model casting by combination of centrifuge and vacuum pressure casting
- » for precious and non-precious metals and model casting
- » safe and reliable casting process
- » three different starting speeds
- » including automatic lowering of the induction coil
- » easy handling



#### **RETOCAST T** Flame casting centrifuge

- » reliable technology and easy operation
- » for precious and non-precious metals and model casting
- » also for gypsum bonded investment
- » choose from three different speeds for optimal casting results
- » lid opens automatically
- » individual accessories for flame casting available

TECHNICAL DATA	INDURET EASY	RETOCASTI	<b>RETOCAST T</b>
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current consumption	3.600 W	3.200 W	500 W
Dimensions (WxHxD)	35 x 39 x 65 / 73 cm	74 x 53/93 x 51 cm	71 x 35/80 x 55 cm
Weight	38 kg	60 kg	44 kg
Air/argon pressure	5 – 6 bar	***	***
Water pressure	3–4 bar (5 l/min.)	***	***
Speed	***	500 rpm	500 rpm
Casting ring size	1–9 and model casting	1–9 and model casting	1-9 and model casting
Capacity	noble metal 110 g non-precious metal 55 g	noble metal 110 g non-precious metal 55 g	noble metal 130 g non-precious metal 60 g
Temperature measurement	min. 15 g (in the molten alloy)	***	***
Temperature	max. 1.600°C	***	***
Order-No.	13802000	18000000	10502000



#### WATER COOLING UNIT for induction casting machines

- » makes induction casting machines independent of the water connection ensuring low water consumption
- » with brushless pump for continuous operation
- » incl. temperature display and contamination filter

**ADVICE!** For the RETOCAST T, a wide range of accessories is available – from extra-deep crucibles for higher quantities to the practical gas economiser.



TECHNICAL DATA	WATER COOLING UNIT
Line voltage	230V/50-60Hz
Current consumption	150 W
Dimensions (W x H x D)	45 x 35 x 58 cm
Weight	12 kg
Capacity	401
Max. pump capacity	101/min.
Order-No.	23807000





(Propane) (Natural gas) Order-No.: 20501000 / 20518000

MELTING KIT Additional extra for RETOCAT T, completety assembled, for noble metal and non-precious metal



GAS ECONOMISER Additional extra for RETOCAST T, saving gas and oxygen

## Sandblasting

for the SANDURET and SANDUBLAST sandbl ilable in four different measurements

The REITEL sandblasters allow you to choose between many different options, depending on the desired application: recycling sandblaster, microfine sandblaster or a combination of both? Two, three or four chambers?

With both the SANDURET and the SANDUBLAST, you get a high-quality device made of sturdy stainless steel, with leather

gauntlets and a high blasting performance to achieve optimum results. Cleaning, buffing, and polishing as well as removing oxide layers from different surfaces is comfortably activated via foot pedal. The built-in quick stop ensures precise and economic use of abrasives. Water separators and filters avoid unnecessary maintenance and keep downtime low.





SANDURET 2 Microfine sandblaster

- » choose between two, three or four chambers for different grain sizes
- » incl. foot switch and economical, maintenance-free quick-stop valve
- » selector switch in chamber allows for quick change of abrasive
- » heated chambers offer a constant flow of the abrasive
- » refillable at any time by quick air release valve
- » freedom of movement thanks to ultra-flexible hoses

Illustration: with optional drawer

SANDURET 3 Microfine sandblaster



**SANDURET 4** Microfine sandblaster

- » integrated LED interior lighting and breathable leather gauntlets ensure comfortable work
- » included nozzle removes abrasive material from the object by use of air pressure
- » upper extraction adaptor on the side of the unit provides optimal visual conditions and glass protection
- » water separator and filters avoid unnecessary maintenance and keep downtime to a minimum
- » optional drawer unit permits fast removal of abrasive material

TECHNICAL DATA	SANDURET 2	SANDURET 3	SANDURET 4
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current consumption	100 W	120 W	140 W
Dimensions (W x H x D)	48 x 32/48 x 44 cm	48 x 32/48 x 44 cm	48 x 32/48 x 44 cm
Weight	17 kg	18 kg	19 kg
Air consumption	approx.801/min.	approx. 801/min.	approx. 801/min.
Pressure	0,5–6 bar	0,5–6 bar	0,5–6 bar
Pressure recycling sandblaster	***	***	***
Nozzles	1,2 + 1,5 mm	0,8+1,2+1,5 mm	0,8+1,2+1,5+1,5 mm
Particle size	25–250 μm	25–250 μm	25–250 μm
Order-No.	14601000	14600000	14603000







SANDUBLAST Recycling sandblaster

- » optimal freedom of movement due to generous blasting chamber
- » durable nozzle can be fixed at any angle
- » safety glass panel with protective foil
- » integrated LED interior lighting and breathable leather gauntlets
- » footswitch operation



SANDUBLAST 2 Recycling and microfine sandblaster

- » saves space and time in the laboratory by combining recycling and microfine
- sandblaster in one device » high blasting pressure » available with two or three
- chambers
- » operation by footswitch » recycling blasting material is
- reused several times



SANDUBLAST 3 Recycling and microfine sandblaster

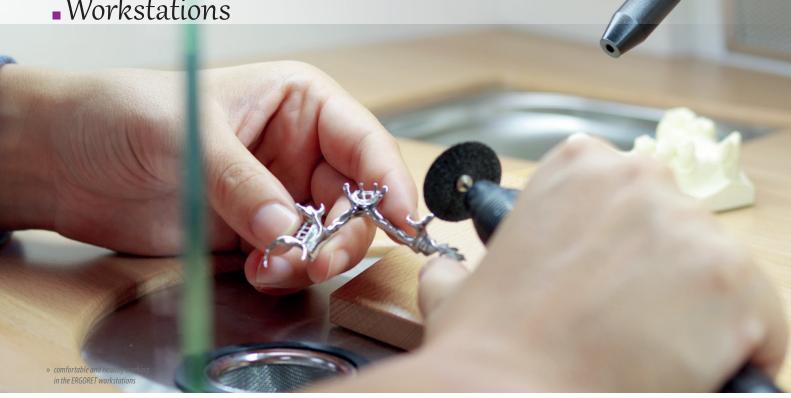
- » maintenance-free REITEL quickstop valve
- » heated chambers offer a constant flow of the abrasive
- » selector switch in chamber allows quick change of abrasive
- » freedom of movement through ultraflexible hoses
- » nozzle can be fixed at any angle of inclination

TECHNICAL DATA	SANDUBLAST	SANDUBLAST 2	SANDUBLAST 3
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current consumption	100 W	100 W	120 W
Dimensions ( $WxHxD$ )	48 x 36/55 x 44 cm	48 x 36/55 x 44 cm	48 x 36/55 x 44 cm
Weight	13 kg	17 kg	18 kg
Air consumption	approx. 801/min.	approx. 801/min.	approx. 801/min.
Pressure	***	0,5 – 6 bar	0,5 – 6 bar
Pressure blaster	max. 6 bar	max. 6 bar	max. 6 bar
Nozzles	***	1,2 + 1,5 mm	0,8+1,2+1,5 mm
Particle size	50–250 µm	25 – 250 μm	25 – 250 µm
Order-No.	14604000	14605000	14606000

**ADVICE!** The REITEL sandblasters' interior hoses are extremely flexible, so that you can easily reach every corner of the blasting chamber. The carbide nozzles ensure particularly precise blasting results.



## Workstations



The REITEL ERGORET multifunctional workstations are designed to facilitate daily laboratory tasks while protecting your health. The product name derives from its ergonomic design. All devices are multi-purpose and include almost every tools that should be within the reach of dental and orthodontic technicians such as integrated magnifying glasses, drawers, anti-slip rubber mats and a container for coarse waste. The ERGORET workstations

are accurately built by hand – from safety glass cover down to the wood panel. You will enjoy the ERGORET workstation as a valuable multifunctional tool over a long period of time in your dental laboratory.

The Vario lift table is additionally available, with a variability of up to 300 mm in working height.



ADVICE! The ERGORET AQUA offers an optimum view of your workpiece through its large glass cover. The magnifying glass with suction cups can easily be attached to the glass cover, enabling the user to take a much closer look at details. It can of course be removed without residues.

Magnifying glass, Order-No.: 20280000

#### **ERGORET CLASSIC** Workstation

- » trimming and cutting under wet conditions, where protection for health and clothes is required
- » especially useful when processing zirconium dioxide
- » stainless steel housing with large glass cover
- » incl. waterproof LED lighting and fittings to connect to the water supply or to an extractor

TECHNICAL DATA	ERGORET AQUA
Line voltage	230V/50-60Hz
Current consumption	26 W
Dimensions (W x H x D)	46 x 26 / 50 x 43 cm
Weight	8 kg
Order-No.	16900000











**ERGORET MINI** Table top workstation

- » compact design while protecting your health thanks to the protective glass cover and ergonomically formed wood base
- » dust and gases are extracted directly
- » universal adapter permits connection to any extraction system front or rear
- » incl. bright, energy-efficient LED lighting
- » optional magnifying glass



ERGORET CC Workstation

- » multifunctional ergonomic workstation, offering best conditions to minimise strain and tiredness
- » the integrated extraction system extracts dust, gases and vapors directly to a filter
- » additional adaptor for external extraction
- » can also be used for quality control or as inspection unit
- » optional Vario-lift table



#### ERGORET CC KFO Workstation

- » ideal workstation for orthodontic purposes in dental practices and laboratories
- » detrimental waste, dust and methyl methacrylate vapors are safely extracted directly to a large, integrated activated carbon filter
- » additional adaptor for external extraction
- » can also be used for quality control or as inspection unit
- » optional Vario-lift table

(Order-No.: 14800000) (Order-No.: 14800001)



VARIO-LIFT TABLE Height adjustable tables

- » ergonomically designed lift table, reduces strain and fatigue
- » working in standing or sitting position
- » optionally available with four castors for easy movement
- » for ERGORET CC workstation 580 mm - 880 mm
- Order-No.: 14800000 » for other devices with beech-
- wood top, 675 mm 975 mm, Order-No.: 14800001



TECHNICAL DATA	ERGORET MINI	ERGORET CC	ERGORET CC KFO
Line voltage	230V/50-60Hz	230V/50-60Hz	230 V / 50 - 60 Hz
<b>Current consumption</b>	18 W	120 W	120 W
Dimensions (W x H x D)	49 x 30 x 40 cm	91 x 67 x 86 cm	91 x 67 x 86 cm
Weight	14 kg	60 kg	60 kg
Magnifying glass	4 diopters, optional	4 diopters	4 diopters
Compressed air	***	max. 8 bar	***
Filter	***	***	activated carbon filter
Order-No.	16801000	14803000 (white) / 14803010 (grey)	14805000 (white) / 14805010 (grey)

## Extraction units

You are sure to find the right product for your laboratory within our range of DUSTY extraction units. No matter if you have a small practice laboratory or a CAD/CAM-specialized dental laboratory – with the extraction units from REITEL you will safely get rid of dust and contaminants. They ensure dust collection of up to 99.99% from your working environment.

The DUSTY extractors also have an adaptor that allows you to connect the hosing to any other device. We recommend to connect the extractors to our sandblasters, trimmers and workstations.



*The DUSTY extractors are suitable for any REITEL device requiring an extraction unit – e.g. the SANDURET.* 



Filter bags DUSTY MINI, Order-No.: 22905000 Filter bags DUSTY COMFORT, Order.-No.: 27905000



Filterbeutel DUSTY ZIRKON, Order.-No.: 27806000





#### DUSTY MINI Dry extractor

- » dust-free dirt removal when trimming or sandblasting
- » extremely quiet with enormous extraction power
- » perfectly suited for small labs due to small dimensions
- » the multi-fit adapter allows connection of the extraction hose to various devices
- » 60 l/sec. extraction power
- » 5-ply fleece filter bag



#### **DUSTY COMFORT** Wet / dry extractor

- » especially suited for medium dust particles (plaster and abrasives)
- » extremely efficient due to the particularly large container volume
- » extra socket for tool and automatic on/off
- » the multi-fit adapter allows connection of the extraction hose to various devices
- » extra protection by fine dust filter cartridge



#### DUSTY ZIRKON Fine dust extractor

- » ideal for extraction of zirconium dioxide during CAD/CAM applications
- » extremely low working sound level
- » multi-fit adapter allows flexible connection of the extraction hose to various devices
- » extra socket for tools, automatic on / off
- » incl. quick and easy filter cleaning function

TECHNICAL DATA	DUSTY MINI	DUSTY COMFORT	DUSTY ZIRKON
Line voltage	230V/50-60Hz	230 V/50-60 Hz	230V/50-60Hz
Current consumption	1.250 W	1.300W	1.200 W
Socket	***	max. 1.500 W (auto)	2.400W
Dimensions (W x H x D)	29 x 40 x 40,5 cm	36 x 59 x 40 cm	39 x 61 x 57 cm
Weight	5 kg	7 kg	16 kg
Dust collection	95 % (class M)	95 % (class M)	99,9% (class H)
Working sound level	73 dB(A)	70 dB(A)	60 dB(A)
Container volume	131	301	421
Order-No.	12900000	17902000	24500000







The POLIRET range offers economic and precise grinding, polishing, cleaning and brushing of metal, plastic and ceramic objects. All POLIRET polishing units are suitable for pumice and include at least one storage tray and perfect LED work area lighting. The safety glasses and other decisive features provide the highest level of operating safety. The compact polishing unit POLIRET MINI with one spindle requires very little space. It lacks nothing compared to our larger polishing units. We recommend using the convenient Vario-lift table offering ergonomic and individual height adjustment.

Filter bags for POLIRET / - COMFORT / -TWIN/-, Order.-No.: 22702000 Filter bags for POLIRET CLASSIC, Order.-No.: 22702200

Filter bags for POLIRET MINI, Order.-No.: 22702100 Chuck tool holder for POLIRET, Order.-No.: 22603000



**POLIRET MINI** Polishing unit

- » especially suitable for laboratories with limited space
- » infinitely variable speed up to 4.500 rpm
- » integrated extraction with upwards air exhaust
- » washable, easy change fleece filter (class M)
- » incl. bright LED lighting
- » removable polishing troughs



**POLIRET CLASSIC** Polishing unit

- » basic model with two-speed motor
- » two separately adjustable extraction channels » easy change fleece filter,
- machine wash at 40 °C (class M)
- » the polishing troughs can easily be removed for cleaning
- » incl. LED work area lighting
- » protective glass



#### POLIRET Polishing unit

- » absolutely flexible polishing unit - especially suitable for large dental laboratories
- » extremely powerful integrated extraction - two separately adjustable extraction channels
- » exhaust air is directed upwards
- » infinitely variable speed up to 4.500 rpm

polishing discs etc.

» generous storage areas for

» Fig. with optional speed display

**POLIRET TWIN** Polishing unit

- » incl. bright LED lighting
- » swivel sight / safety glasses
- » easy change fleece filter, machine wash at 40 °C
- » the polishing troughs can easily be removed for cleaning
- » optional speed display

#### POLIRET TWIN:

» one motor per side – speeds can be controlled independently

TECHNICAL DATA	POLIRET MINI	POLIRET CLASSIC	POLIRET	POLIRET TWIN	ADVICE!
Line voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz	
Motor power	600 W	400 W	550 W	2x 370 W	Work in standing
Extraction power	115 W	190 W	400 W	400 W	or sitting
Dimensions (W x H x D)	53 x 43 x 40 cm	73 x 50 x 56 cm	73 x 50 x 56 cm	73 x 50 x 56 cm	position thanks to the Vario lift table
Weight	24 kg	60 kg	60 kg	60 kg	suitable for all REITEL
Speed	1.000-4.500 rpm	1.500/3.000 rpm (fix)	270-4.500 rpm	2x 270-4.500 rpm	polishing units.
Extraction capacity	500 m³/h	600 m³/h	800 m³/h	800 m³/h	Order-No.:
Order-No.	11100000	11111000	10328000	12703000	14800001

## Accessories

#### Specialities

We offer useful accessories for nearly every device available in our comprehensive portfolio in order to simplify your work processes with your REITEL appliances, such as the VARIO-lift table, complementing the ERGORET workstations. The list of accessories also includes products for daily use – such as the REITEL stainless steel care spray for convenient cleansing of your appliances. Replacements, such as filter bags for the DUSTY vacuum cleaners, grinding discs or melting crucibles are also found in the accessories list.

If you cannot find a particular item, do not hesitate to contact our service team (hotline: +495472/9432-32, e-mail: service@reitel.com) or our national or international commercial partners.



#### Article

#### **OUR PERSONAL RECOMMENDATIONS**

REITEI	Snrav	250 ml
NLIILL	Splay,	2301111

Conditioning spray for stainless steel	90405000
REITEL Descaler, 1.000 ml	
based on phosphoric acid	.90410000
Hand pump for descaling	.20121000

#### STEAMY MINI, SUPERSTEAM, TRONADA - page 4

Wall-mounted shelf	20107000
DELIMER COMFORT (page 4)	20200000
BIOSTEAM CENTER (page 5)	10106000
STEAM BOWL (page 5)	10110000
Luer-Lock connector	20118000
Nozzle for Luer-Lock connector, 1,5 mm	20116000
Tool for changing the nozzle	20119000
Steam brush Luer-Lock for external cleaning	20112000
Steam brush Luer-Lock for internal cleaning, 25 cm	20113000
Steam brush Luer-Lock for internal cleaning, 50 cm	20114000
Luer-Lock sieve for cleaning small parts	20002000

#### **DELIMER COMFORT- page 4**

Water tap	
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#### **BIOSTEAM CENTER – page 5**

Activated carbon filter	

#### SONIRET – page 6

Insert tray, stainless steel	
Insert tray, plastic	
Beaker positioning cover, stainless steel	
Glass beaker	
Insert basket, plastic	
Insert basket, stainless steel	

#### RETOMIX EASY / - MINI / VACURET DIGIT - page 8

Stand made of stainless steel with a granite base	23701000
Mixing bowl 75 ml	21302100
Mixing bowl 150 ml	
Mixing bowl 150 ml (for alginates)	
Mixing bowl 400 ml	
Mixing bowl 400 ml (for alginates)	
Mixing bowl 600 ml	
Mixing bowl 1.000 ml	21213000
VIBROMAT (page 9)	14002000

#### **ROTOGRIND MINI – page 10**

Grinding discs according to selection on page .....page 11

#### ROTOGRIND NT UND ROTOGRIND NT KFO – page 10

Grinding discs according to selection on page	page 11
LED working lamp	20306000
Laser Guide	20308000
DUSTY MINI (page 20 – only for dry operation)	12900000
DUSTY COMFORT (page 20 - only for dry operation)	17902000

#### POLYMAT – page 13

120 °C temperature extension 28300	000
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#### RETOMAT – page 14

Catalyst	27301000
Casting ring drawer	27303000

#### Article

#### Order number

#### INDURET – page 15

Starter Package for INDURET	
Maintenance unit	
Pressure reducer argon	
Crucible holder	
Graphite crucible Plus for precious alloy	
Graphite crucible for precious alloy	
Ceramic crucible, non-precious alloy	
Sigradur crucible	
Graphite stop rod	
Ceramic stop rod S	
Longlife stop rod	
Graphite crucible holder	
Thermocouple	
Milling tool for crucible outlet	
Alloy chute	23818000
Positioning pliers	
Centering and isolation rings	
Dosage tube	

#### RETOCAST I – page 15

Ceramic crucibles for non-precious alloys	28001000
Graphite insert for precious alloys	28002000
Water cooling unit (page 23)	23807000

#### RETOCAST T – page 15

Melting kit propane / oxygen
Melting kit natural gas/oxygen20518000
Melting device for noble metal and non-precious metal, propane20506000
Melting device for noble metal, natural gas20506100
Gas economiser for propane / oxygen20502000
Gas economiser for natural gas / oxygen
Torch handle propane20514000
Torch handle natural gas 20514100
Universal insert propane / oxygen20507000
Universal insert natural gas / oxygen 20507100
Solder insert, 0,5 mm nozzle, propane 20503000
Solder insert, 1 mm nozzle, propane 20504000
Mikroflam propane, incl. 3 precision needles for soldering
Mikroflam natural gas, incl. 3 precision needles for soldering 20505100
Solder insert propane, with 3 changeable nozzles20516000
Solder insert, natural gas, with 3 changeable nozzles 20516100
Melting crucibles normal 20509000
Melting crucibles extra deep20510000

#### SANDURET – page 16

DUSTY MINI (page 20) 129000	00
DUSTY COMFORT (page 20)179020	
Drawer (for sand extraction)	
Blasting noozle 0,6 mm	00
Blasting noozle 0,8 mm	00
Blasting noozle 1,2 mm	
Blasting noozle 1,5 mm	

#### SANDUBLAST – page 16

DUSTY MINI (page 20)	
DUSTY COMFORT (page 20)	
Blasting noozle 0,6 mm	
Blasting noozle 0,8 mm	
Blasting noozle 1,2 mm	
Blasting noozle 1,5 mm	

#### Article

#### ERGORET CLASSIC – page 18

#### ERGORET MINI – page 19

Magnifying glass, 4 diopters	
DUSTY MINI (page 20)	
Automatic on/off	
Extraction adapter for several brands	
•	

#### ERGORET CC & ERGORET CC KFO – page 19

Noble metal filter	
Protection lamellae	
Activated carbon filter	
DUSTY MINI (page 20)	
DUSTY COMFORT (page 20)	
Vario-lift table	

#### DUSTY MINI – page 20

Filter bags 5 pcs./pack	
Automatic on/off	
Fleece filter basket	on request

#### DUSTY COMFORT – page 20

Filter bags 5 pcs./pack	
2-way extraction port	
Filter cardridge	
Connection adapters for various devices	•
Automatic on/off	

#### DUSTY ZIRKON – page 20

Filter bags 5 pcs./pack	27804000
Automatic on/off	22902000

#### POLIRET – page 21

without extraction (for connection to a central extraction)	on request
Filter bags 1 pc./pack., for POLIRET MINI	
Filter bags 2 pcs./pack., for POLIRET CLASSIC	22702200
Filter bags 2 pcs./pack., for POLIRET, - TWIN	22702000
POLIRET Vario-lift table	
Speed display	

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