



Quality. Aesthetics. Precision.
PRODUCT CATALOG 2024

Ritter Concept GmbH

Innovation from tradition

In 1889, Frank Ritter succeeded in developing and manufacturing a completely new type of two-telescope treatment chair for dentists. Ritter achieved its worldwide breakthrough in 1917 with a black barber's chair that combined all individual mechanical and electrical devices and instruments into a "compact workstation". To this day, the precision-manufactured dental units of the Ritter brand stand for the highest quality, functionality and top design. They serve any desired practice concept, can be conveniently combined with other instruments and dental equipment, and ensure excellent patient care and an efficient workflow. Anyone who would like to experience the innovative power that has lasted for decades and immerse themselves in the fascinating world of Ritter products is cordially invited to the showrooms in Biberach.

OUR PRODUCTION

The design of Ritter dental units is geared towards pure practical use and maximum efficiency and ensures outstanding functionality. In addition, the products are compatible with instruments and dental equipment of other brands.

The production facility is located in Biberach an der Riß, Germany. Ritter currently produces approx. 4,500 treatment units per year and is the exclusive supplier to the public health systems, clinics and Universities in many countries

SPARE PARTS SERVICE

To ensure that every treatment can be carried out professionally, we not only provide you with our high-quality equipment, but also with the spare parts matched to the Ritter dental units.

Our extensive range of special equipment and accessories enables us to react flexibly to customer requirements and to supply spare parts worldwide, even on a long-term basis.

TECHNICIANS AND TRAININGS

Reliability is our top priority. Through regular training, we ensure that our partners are always up to date. This results in less downtime, more functional reliability, as well as more safety for your treatment team and your patients.

Quality. Aesthetics. Precision.

Made in Germany

Professional elegance

Handcrafted from pure metal and Polyester

Easy handling

Innovative instrument control with graphic display

Large selection

Numerous user settings and memory functions

Independent programming

Chair positions, speed and rpm of motors, turbines and intensity of the scaler

Collaborative work

Up to four different user levels can be set simultaneously

Comfortable operation

Thoughtful foot control of all main functions

Hygienic cleaning

Very easy to clean smooth surfaces

Unrestricted knee and leg room

Doctor and patient benefit from ergonomic functions and shapes

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Ritter Contact Series

Professional elegance

Contact World



Scan me for more information



QUALITY – MADE IN GERMANY

The housing of the Ritter Contact series is mainly made of metal and painted throughout. Installation, service and maintenance are extremely simple thanks to easy access and clearly arranged components. With clarity and elegance, a perfect blend of utility, function and aesthetics has been created, making the Contact series one of the most beautiful dental units on the market world-wide.

DIMENSIONS

The Ritter Contact series has the perfect dimensions in all versions - even for smaller practice rooms. With an operating radius of approx. 2x3 m, the units adapt perfectly to any working environment. The work lights are mounted on the unit or alternatively available as a ceiling version.

Note: A total of 2 connection points (1 standard/1 alternative) provide additional flexibility so that the unit can be accommodated in any treatment room.

FUNCTIONAL ALL ROUND

- Innovative instrument control with graphic display, numerous user settings and memory functions.
- Simple, intuitive programming of chair positions, presets such as
- Speed and maximum speed of motors, turbines and intensity of scaler
- Storage of up to 4 different user levels e.g. for 4 operators
- Sophisticated 4-pedal foot control with control of all main functions for quick and easy operation
- Hygienic and very easy to clean smooth surfaces save time and effort
- Large knee and leg room for operators allow ergonomic and fatigue-free operation

Ritter Contact Series

Professional elegance

Contact Lite Comfort



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SEATING COMFORT IN A LEAGUE OF EXCELLENCE

The Ritter Contact series meets all requirements for optimized patient positioning during treatment. The anatomically shaped and tilt-adjustable seat allows for back-friendly sitting and lying.

- Simultaneous movement (Trendelenburg): The footrest of the Ritter patient chair rises synchronously with the backrest inclination.
- Optimal, safe and comfortable positioning even in difficult treatment situations. The patient does not have to slide during the transition to the lying position and thus does not interfere with the treatment process.

- Compact, space-saving design
- Seamless, easy-to-disinfect upholstered surfaces
- Flexible control via foot pedal and function display
- Chair height:
- Contact World 35-85 cm, Contact Lite Comfort: 46-82 cm
- Optional: Right armrest can be folded forwards

The patient chair of the Contact World is also available with Visco-Soft padding, which adapts individually to the shape of the body.

Ritter Contact Series

Dentist element



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H-VERSION HANGING HOSES

In the H-version, the dentist element on the floating arm is equipped with hanging tubes and a large tray support. The dentist element can be moved very close to the patient and allows optimal handling with a small working circle of the five instruments.

S-VERSION SWINGING HOSES

Each instrument can be easily and ergonomically removed and returned without effort. The proven swing-arm system minimizes contamination, as the tubes have no contact with the floor and thus slide cleanly into their resting positions.

HC-VERSION HANGING HOSES WITH CART HEAD

The HC-version's cartridge tray is more conventionally designed than the H-version's, with the tray directly above the instruments. The cart head can hold up to six instruments in any order, controlled by the foot pedal.

THE RITTER CART STANDALONE GUARANTEES FLEXIBILITY AND VERSATILITY

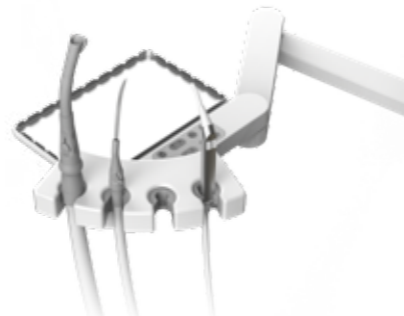
The supply hose of the integrated connection box can be selected individually in various lengths to suit any practice situation. The hygiene system using bottle solution ensures effective hygiene and disinfection. Due to the independent water supply, the Ritter Cart standalone is DVGW-compliant. Suitable for all treatment units and independent of the manufacturer of the patient table. Plug & Play – due to the integrated connection box, only connections for the compressed air and power supply are required.

Assistant element



INSTRUMENT ARM TWOPARTED WITH PANEL

The 2-part instrument arm of the assistant element allows flexible positioning in any patient position and treatment situation. All main functions of the treatment unit can be controlled with the membrane keypad integrated flush with the surface of the articulated arm. The sophisticated and neat suspension effectively prevents the tubes from twisting.



INSTRUMENT ARM THREEPARTED WITH PANEL

The 3 freely swiveling joints are space-saving and flexible in positioning. Here, too, all main functions of the treatment center can be controlled with the membrane keypad integrated flush with the surface of the articulated arm.

Ritter Contact Series

Water unit

The water unit of the Ritter Contact series is designed for fast and effective cleaning. All critical areas and components are easy to reach and disinfect. The surfaces are smooth, without corners and edges and can often be removed with a flick of the wrist.

INSTRUMENT CLEANING SUPPORT

The rinsing hood enables hygienically perfect disinfection in a simple manner. The hood is placed on the cuspidor.

DETACHABLE AND THERMODISINFECTABLE CUSPIDOR

The ceramic cuspidor is removable, so contaminated components can be quickly removed and disinfected. The cuspidor is optionally available in a swiveling version.

AQUA BOTTLE SYSTEM

With the bottle solution, all internal water paths to the patient are completely disinfected. The METASYS WEK internal disinfection system is available as an additional option.



Control Options



FOOT CONTROLLER

- Easy and comfortable operation
- Stable stand
- Transmission-safe operation due to the wired connection
- Individual control of the functions
- Perfect weight balance when shifting with the tip of the foot
- Material: metal and plastic

No multiple key assignment: The Ritter control system provides a dedicated key for each function. The result is simple, intuitive control and operation of the functions. This direct and simple handling is particularly noticeable during demanding treatments.



MULTIFUNCTION DISPLAY & INTRAORAL CAMERA

The clear and concise multifunction display allows easy chair and instrument control. The alphanumeric display shows the status of the respective instruments. Speed, torque of turbines and motors, treatment positions of the patient chair as well as presets of up to four different users can be freely programmed.

Precise images with Easy Touch. The optical system of the SOPRO 617 camera is equipped with an aspherical lens that minimizes distortion and produces geometrically correct images. Thanks to the large angle of view, even hard-to-reach regions of the mouth are perfectly displayed. With the touch-sensitive button, you create snapshots without moving the handpiece. So you can always rely on sharp images. These can be displayed via an external screen.

Ritter Contact Series

Stools

GIRA-FLEX Series

An ergonomic and comfortable posture is a basic requirement in everyday practice. Due to the high comfort of the GIRA-FLEX series and the quick infinitely variable adjustment of the seat position, the work stool can be individually adapted to your personal treatment style. The base is made of aluminum and is optionally available with a plastic base in the Smart version.

GIRA-FLEX D & D-PLUS

- Longitudinal axis of the saddle seat can be tilted by 5°.
- High quality synthetic leather upholstery
- Soft construction of the substructure
- Made in Germany
- Long service life
- „PLUS“: Infinitely height-adjustable backrest



GIRA-FLEX D SMART & D-PLUS SMART

- Height min. and max.: 550–720 mm
550–740 mm
- Angle of the backrest: 0–24°
- Tilt of the plate: 2–14°
- Maximum load: 130 kg



GIRA-FLEX A & A-PLUS

- Round seat cushion with even weight distribution
- High-quality synthetic leather upholstery
- Seat core made of PUR foam
- Made in Germany
- Long service life
- „PLUS“: Infinitely height-adjustable backrest



GIRA-FLEX A SMART & A-PLUS SMART

- Height min. and max.: 530–720 mm
- Maximum load: 120 kg



MobiloRest 156 & 158

- Asymmetrical backrest with armrest function.
- High quality synthetic leather
- Made in Germany
- For highest ergonomic demands
- Very high quality metal components
- Intelligent easy height adjustment by gentle foot pressure
- High quality double castors
- Optional for left-handers 156L & 158L

TECHNICAL DATA

Chair surface material: (PE), base plate (plywood)	foam (PP-E), leatherette
Highest seat cushion:	490 mm
Lowest seat cushion:	700 mm
Maximum load:	135 kg



Upholstery colors



Accessories for Ritter Contact Series

Operating lights

EVA LED WITH SWITCH



EVA provides perfect light that creates an ideal balance between color and depth when seeing. It allows you to distinguish the smallest details in tissue, marginal areas and surfaces in an elliptical circle of light specifically designed for the oral cavity. The lamp head can be rotated 360° and the handles are removable and sterilizable.

MAIA LED WITH SENSOR



Scaler

ACTEON scaler SP NEWTRON



DENTAL ULTRASONIC SCALER LED HANDPIECE

The autoclavable LED handpiece with a light source of 100,000 lux guarantees perfect visibility of the surgical area and is ideal when working with the loupe. Cold light is used for better differentiation of soft tissue types. Thanks to the innovative air supply, the filtered air is fed directly to the tip at low pressure – for thorough cleaning of the root canals.

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EMS scaler PIEZON® NO PAIN LED



BUILT-IN ULTRASONIC SCALER FOR SCALING AND ROOT CANAL TREATMENT

With the EMS scaler PIEZON® NO PAIN LED, you work with unique ultrasound quality with unrivaled ease of use. The ergonomic design contributes decisively to the advanced features of the PIEZON® handpiece and enables a natural hand position. The low weight and narrow tip give the device high flexibility and excellent access even to hard-to-reach areas. All handpieces are equipped with an integrated 5000 Kelvin LED that produces natural daylight. All PIEZON® instruments are also made of highly polished special surgical stainless steel.

Accessories for Ritter Contact Series

Dentalmotors

SLM-E Typ 810 Ritter LED



SMALL, LIGHT AND STRONG

The Ritter SLM-E Type 810 LED with a length of 31.7 mm and a weight of only 62 g is the smallest dental motor in the world. Its clear weight advantage enables relaxed and fatigue-free work. The finger muscles remain relaxed and efficient. Thanks to the integrated LED technology, the illumination, which is similar to daylight, is clearer and has a higher contrast compared to conventional high-pressure lamps.

Curing Light

Ritter Curing Light LED



RITTER CURING LIGHT

- Three working modes: Full, Ramping, Pulse.
- Curing light from 10 seconds up to 50 seconds
- Autoclavable fiber optics
- Light protection device
- Led source 3 Watt
- Wavelength power over 1000mW/cm2

Functional syringes

TopFlex und TopJet



MULTI-FUNCTION SYRINGE 3F OR 6F

- The TopFlex (3F) and TopJet (6F) switch water, air or spray manually. By pressing the corresponding keys, either air or water can be dispensed for as long as the key is pressed. If both keys are pressed simultaneously, spray is dispensed.
- Also available as 6F version with warm water

Functional syringes

Luzzani Minilight



MULTI-FUNCTION SYRINGE 3F OR 6F

Minilight is extremely lightweight but offers significant advantages. Not only can the dentist remove the tip and sleeve for complete sterilization in an autoclave at 134 °C, but the syringe can also be equipped with straight or angled sleeves to adapt the instrument to specific surgical needs. It does not require any electronic control units, but is simply connected to the treatment unit.

Ritter Contact Series

Features and Options

● Standard ○ Option

	CONTACT WORLD	CONTACT LITE COMFORT
PATIENT CHAIR		
Floor-mounted	●	●
Synchronized	●	●
Left armrest fixed	●	●
articulated headrest	●	○
Double-jointed headrest	○	●
Foot control pedal for chair- and instrument functions	●	●
DENTIST ELEMENT		
X-ray viewer	●	●
1x turbine outlet F.O.	●	●
1x micromotor LED	●	●
1x 3F syringe	●	●
ASSISTANT ELEMENT		
Control panel	●	●
Small and large suction hoses	●	●
WATER UNIT		
Detachable and thermidisinfectable cuspidor	●	●
Ritter selective controller for suction hoses	●	○
Place selection valve	●	●
Water bottle system	●	●
LED dental light MAIA with sensor	●	●
Water bottle system	●	●
OPERATING LIGHT		
LED dental light MAIA with sensor	●	●
EVA LED with switch	●	●

Ultimate Comfort Series

A smart practical solution

Ultimate Comfort Smart & Ultimate Comfort Smart Pneumatic



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COMFORT AND QUALITY

The Ultimate Comfort series is extremely ergonomic and efficient for daily use. All dental units are infinitely height-adjustable and very well suited for small practice rooms. The water unit has a self-contained clean water system. The multifunctional foot control with pedal or slider control is easy to operate and supports an excellent work flow.

The patient chair of the Ultimate Comfort and Ultimate Comfort Smart is synchronized.

The Ultimate Comfort Smart is also available in a pneumatic version.

- Electric chair movement for fast and quiet movements
- Ergonomic design for comfortable seating also during long treatments
- Broad space for dentist's legs
- High-quality leather upholstery
- 4 programmable chair positions, plus last position and exit position
- Safety switches
- Trendelenburg movement: Seat and backrest movement synchronized
- Double-jointed headrest

Ultimate Comfort Series

A smart practical solution

Ultimate Comfort



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ULTIMATE COMFORT – THE CLEVER RIGHT/LEFT TREATMENT UNIT

- The swiveling unit can be very easily converted from right-handed to left-handed operation
- The 30° rotation of the chair ensures easy access for the patient
- Both armrests are movable

All Ultimate Comfort Series have a memory system of:

- Spittoon position
- Last position
- Light on/off
- Instrument water on/off

Ultimate Comfort Series

Dentist element

Easy to use and efficient treatments: two different versions are available depending on personal preference, allowing easy adjustment of the instruments.



H-VERSION HANGING HOSES

- Lower double tray support or optional tray on top
- Pneumatic arm brake
- Up to 5 instrument holders with optical sensors



S-VERSION SWINGING HOSES

- Lower double tray support
- Pneumatic arm brake
- Up to 5 instruments



CONTROL PANEL

- Control panel with X-ray viewer
- 5 programmable chair positions incl. rinsing position, exit position and emergency position
- Removable silicone base for easy cleaning and disinfection (S-version)

Assistant element



*only for Ultimate Comfort

FLEXIBILITY FOR MAXIMUM EFFICIENCY

- Integrated control panel
- Up to 4 instruments
- Small and large suction hose
- 3F syringe
- Double jointed and adjustable arm movement*



MICROMOTORS MCX LED & MX2

OPTIMA^{INT} MIT MIKROMOTOR MCX LED ODER MX2 (ENDO)

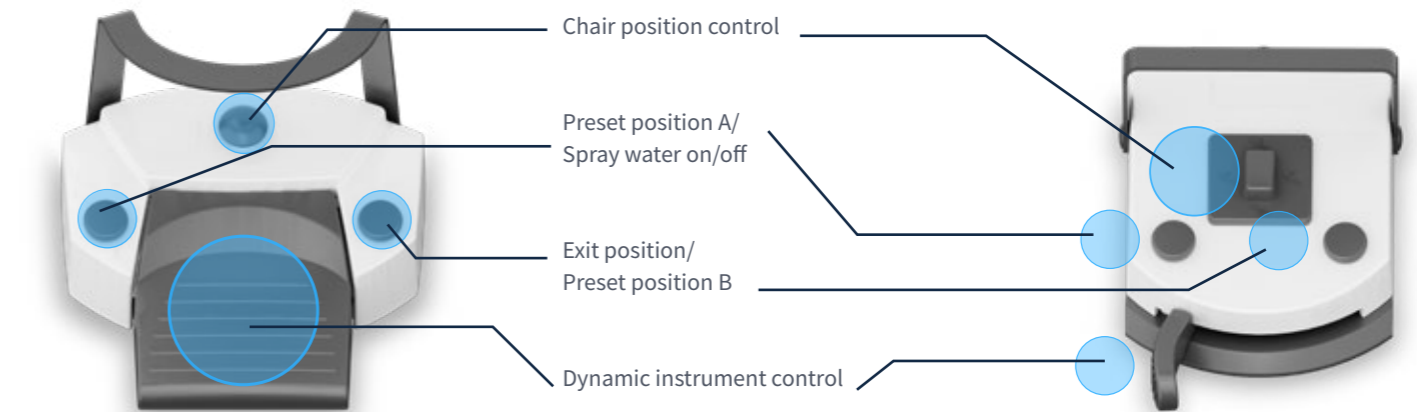
IOPTIMA^{INT} WITH MICROMOTOR MX2 (ENDO)

Scan me for more information



Ultimate Comfort Series

Foot controller



Pedal type (standard)



Lever type (optional)

MODERN DESIGN FOR CHAIR MOVEMENT AND INSTRUMENTS

- Large handle for easy repositioning
- Manual control of chair movements

PROGRAM CONTROL OF CHAIR MOVEMENTS

- Rinsing position/last treatment position
- Freely programmable chair position
- Entry/exit position

CONTROL OF THE INSTRUMENTS

- Speed/power control for the active instrument
- Individual spray water on/off mode for each instrument line

BUTTONS

- Spray water for instruments
- Chip blower function

Ultimate Comfort Series

Operating lights

EVA LED with switch

EVA provides perfect light that creates an ideal balance between color and depth when seeing. It allows you to distinguish the smallest details in tissue, marginal areas and surfaces in an elliptical circle of light specifically designed for the oral cavity. The lamp head can be rotated 360° and the handles are removable and sterilizable.

- Illuminance: 50.000 Lux
- Color temperatures: 5.700, 5.000, 4.000 or 2.700 Kelvin
- CRI >95, for improved color and light perception
- The light field is 19x10 cm at 70 cm distance
- Optional protective cover with patient mirror
- Control lamp – visual feedback of illumination strength and color temperature



Maia LED with sensor

- Illuminance: 3.000-45.000 Lux
- Constant color temperature of 5.000 Kelvin
- Shadow-free illumination
- Removable, sterilizable handles
- Constant color intensity

V2 LED Operating Lamp

- Illuminance: 8.000 to 30.000 Lux
- Yellow filter
- Sensor switch - light on/off by hand movement
- Low heat emission
- Precise illumination of the working area

Ultimate Comfort Series

Stools

MobiloFlex 60



MOBILOFLEX 60

- Backrest with fixed position or dynamic movement
- Ergonomic and comfortable seat
- Symmetrical backrest
- Gas lift cylinder
- Chrome-plated base
- Five double castors for stability
- Color coordinated upholstery
- Available with or without foot ring

TECHNICAL DATA

Chair surface material:	synthetic leather, build-in high rebound sponge, plastic plate
Cushion size:	445x415 mm
Back of a chair size:	330x420 mm
Steam lever adjust:	450-570 mm
Chair foot material::	Zinc alloy die casting
Foot diameter:	560 mm
Highest seat cushion:	630 mm
Lowest seat cushion:	510 mm
Weight:	9 kg

Upholstery colors for chairs and stools Ultimate Comfort Smart E and P



Ultimate Comfort Upholstery Colors



Ultimate Comfort Series

Scaler

Scaler Ritter E and S LED



ULTRASONIC SCALER FOR SCALING AND ROOT CANAL TREATMENT

- Removable handpiece
- Automatic frequency tracking
- Includes 6 tips, 4 endo tips, torque and endo key, Installation kit and LED lamp

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Curing Light

Ritter Curing Light LED



RITTER CURING LIGHT

- Three working modes: Full, Ramping, Pulse.
- Curing light from 10 seconds up to 50 seconds
- Autoclavable fiber optics
- Light protection device
- Led source 3 Watt
- Wavelength power over 1000mW/cm2

Functional syringes

Luzzani Minilight



MULTI-FUNCTION SYRINGE 3F OR 6F

Minilight is extremely lightweight but offers significant advantages. Not only can the dentist remove the tip and sleeve for complete sterilization in an autoclave at 134 °C, but the syringe can also be equipped with straight or angled sleeves to adapt the instrument to specific surgical needs. It does not require any electronic control units, but is simply connected to the treatment unit.

Ultimate Comfort Series

Ultimate Comfort Features and Options

	Standard	Option	ULTIMATE COMFORT	ULTIMATE COMFORT SMART	ULTIMATE COMFORT SMART P
PATIENT CHAIR					
Chairmounted	●	●	●	●	●
Synchronized	●	●	●	●	○
Left/right handed version, 30° chair movement	●	○	●	○	○
Right armrest movable	○	●	○	●	●
Left & right armrest movable	●	○	●	○	○
Double-jointed headrest	●	●	●	●	●
Multifunctional foot controller pedal type	●	●	●	●	●
DENTIST ELEMENT					
X-ray viewer	●	●	●	●	●
3 outlets without light (Midwest)	●	●	●	●	●
1x 3F syringe	●	●	●	●	●
Double tray support	●	●	●	●	●
ASSISTANT ELEMENT					
Adjustable assistant arm	●	○	●	○	○
Control panel	●	●	●	●	●
1x 3F syringe	●	●	●	●	●
Small and large suction hoses	●	●	●	●	●
WATER UNIT					
Venturi System (air/water)	●	●	●	●	●
Moveable cuspidor	●	●	●	●	●
Heating for cupfiller	●	●	●	●	●
Ceramic spittoon with automatic cupfiller and bowl rinse	●	●	●	●	●
Water bottle system	●	●	●	●	●
OPERATING LIGHT					
LED dental light MAIA with sensor	●	●	●	●	○
LED dental light Ritter standard	○	○	○	○	●
STOOL					
Dentist stool MobiloFlex 60	●	●	●	●	●

Sterilization

Ritter Autoclaves Class B

The Ritter „CleanTec“ series is the efficient method, providing fast sterilization and drying time for your instruments.
CleanTec autoclaves work with a fractionated pre- and post vacuum.
The deep vacuum is created by a high performance double stage vacuum pump. The deep post-vacuum ensures optimal drying of wrapped materials and large quantities of porous goods.
CleanTec stand-alone autoclaves dispose of a built-in water storage tank. They fully correspond to the requirements of “Class B”- autoclaves.

STERILIZABLE PRODUCTS

- Solid instruments
- Hollow instruments
- Wrapped instruments
- Cotton fabrics



CLEAN-TEC CB23

The CleanTec CB23 can optionally be connected to the tap water system and the drain. It includes an internal printer for documentation. Chamber size 23 liters.

Ritter CleanTec CB23 provides additional programme cycles: 135° prions; clean process. The LCD Display is available in multiple languages. Also it offers a password protection.

TECHNICAL DATA

Overall dimensions (l x h x d):	505x400x650 mm
Weight (with empty tanks):	50 kg
Weight (with full tanks):	55 kg
Colour:	RAL 9002
Material:	SUS304 Steel FeP01 Steel (Cover)
Noise level at 1 m distance:	54 dB(A)
Noise level in front of the display:	63 dB(A)
Electrical specifications	
Rated voltage:	230 V ~ 50/60 Hz
Rated input:	1950 W
Supply cable:	(L 1.5 m) 2+1 x 1.5 mm ²
Fuse:	10A Air Switch
Insulation:	Class I
Chamber specifications	
Max. working pressure:	0.21 MPa (relative)
Max. working vacuum:	-82 kPa (relative)
Max. vacuum (drying process):	-94 kPa (relative)
Max. working temperature:	137°C
Material:	Stainless steel SUS 304
Dimensions: Ø x P	250x450 mm
Clean water tank + dirty water tank specifications	
Max. capacity:	4.5 L
Cycles per tankful: (before the min. level indicator lights up)	~4
Material:	Stainless steel
Bacterial filter data	
maximum diameter:	56 mm
max. allowed filtering capacity:	0.2 µm
No. of cycles before replacement:	~150



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CLEAN-TEC AB80

The CleanTec AB80 is the unique frontloader tabletop device with 80 liters capacity!
The Ritter CleanTec pulse vacuum autoclave AB80 is a big-sized automatic high pressure and temperature autoclave, which uses pressure steam as medium. It is suitable for sterilizing articles like dressings, utensils, Class N and B cavum equipment, medical catheters that are used for surgical purposes.

TECHNICAL DATA

Overall dimensions (l x h x d):	1001x730x560 mm
Noise level:	<50 dB(A)
Electrical specifications	
Rated voltage (see name plate):	220 V ~ 50/60Hz ±10% 230 V ~ 50/60Hz ±10%
Rated input:	7000 W
Max. Current:	32 A
Protection against electric shock:	B (IEC EN 60601-1)
Protection class:	I (IEC EN 60601-1)
Fuse in device installation:	10 A (can be replaced) 1.6 A (can not be replaced) 5 A (can not be replaced)
Power supply cable diameter:	≥6 mm ²
Chamber specifications	
Designed pressure:	0.30 MPa
Working pressure (max):	0.23 MPa
Hydro pneumatic pressure:	0.38 MPa
Design temperature:	144°C
Material:	Stainless steel SUS 316L
Dimensions: Ø x P	385x717 mm
Water specifications	
Electrical conductivity:	≤15 µS/cm
Bleach concentration:	≤2 mg/l
PH value:	5-7
Hardness:	≤0.02 mmol/l
Bacterial filter data	
max. allowed filtering capacity:	0.22 µm

Suction

RACT 2 in 1

Combines an air compressor and a suction unit, integrating two different devices, which can provide both vacuum suction and air supply function. Option to connect to external suction. The Power System is suitable to serve one Dental Unit.

FEATURES POWER SYSTEM RACT-SC7/1 (CLASS 1)

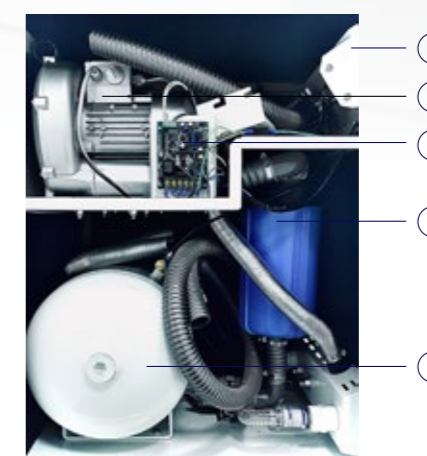
Power:	1.1 KW
Noise:	≤60 dB(A)
Dimension(l x w x h):	690 x 620 x 1020 mm
Net weight:	81 Kg
Gross weight:	100,2 kg
Use:	For single unit

COMPRESSOR INSIDE (WITHOUT DRYER)

Power Supply:	100-240V AC
Frequency:	50/60 Hz
Input power:	750 VA
Fuse:	5 A
Dimension(l x w x h):	272*138*215 mm
Pressure:	0.8 MPa
Tank capacity:	25,5 l
Max airflow:	152 l/min
Airflow@7Bar:	65 l/min
Net weight:	11,5 kg
Noise:	50 dB(A)

SUCTION INSIDE

Power supply:	230 V AC
Frequency:	50/60 Hz
Input power:	370 VA/450 VA
Max Currency:	2.7 A/3 A
Dimension(l x w x h):	256 x 246 x 247 mm
Negative Pressure:	≥-12 kPa
Max Airflow:	1333 l/min
Net weight:	11 kg
Noise:	60 dB(A)



- 1 Power control
- 2 Vacuum pump
- 3 Circuit board
- 4 Separation barrel
- 5 Compressor tank

EXCOM hybrid



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Compressors



Looking for compressors?

Imaging Leadex70

The Leadex70 is designed for all intraoral dental radiology requirements in the modern dental practice. Integrated directly on your Ritter dental unit, the Leadex70 is a flexible, fast and safe solution to produce an excellent small X-ray image. Compatible with standard films and digital X-ray sensors, it guarantees sharp and high-contrast images at an attractive price. The control unit is easy and intuitive to use. It can be mounted directly on the wall in the treatment room or in an adjacent room (cable from the unit in the floor). The X-ray process is performed via the control panel or via the supplied remote control unit.

The control unit is easy and intuitive to use. It can be mounted directly on the wall in the treatment room or in an adjacent room (cable from the unit in the floor). The X-ray process is performed via the control panel or via the supplied remote control unit.

TECHNICAL DATA

	AC	DC
Supply voltage:	115V; 220V; 230V ±10%	230V; 115V ±10%
Line frequency:	50/60Hz	50/60Hz
Line impedance:	0.5 Ohm; 0.2 Ohm	0.5 Ohm; 0.2 Ohm
Rated current:	3,5A; 5,7A	5,2A; 9,5A
Fuse:	F 8A-250V; F 12,5A-250V	F 8A-250V; F 12,5A-250V
Focal spot size:	0.7	0.7
Plug connection:	Coaxial connector	Coaxial connector
Nominal high voltage:	70kV	60/70kV
Nominal anode current:	8mA	4mA/8mA
Duty cycle:	1:32	1:32
Total filtering:	2.3mm Al	2.4mm Al
Half-layer:	2,0mm Al@70 kV	2,2mm Al@70 kV
Scattered radiation:	<0,25 mGy/h	<0,25 mGy/h
Exposure time:	0,08–3,2s (17 steps)	0,02–3,2s (23 steps)
Total weight:	19,5kg	19,5kg
Output:	AC and DC	
Focus-skin distance:	Beam limiting device	
Mounting system:		
Outrigger arms:	round; rectangular	
Usable range:	20 cm; 31 cm Wall/mobile/on unit 41, 82 und 110 cm 143 cm with 41 cm external arm 184 cm with 82 cm external arm 212 cm with 110 cm external arm	



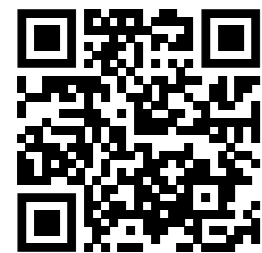
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