

Renfert

making work easy



BASIC

Fine sandblasting units

Sandblasters that provide an optimum view and freedom of movement

The Basic units make sandblasting easier by providing a uniquely good view of the operator's hands and highly focused precision.

This is what makes work easier

- 1 drastic reduction of abrasive consumption
- 2 constant abrasive flow
- 3 bright blasting chamber throughout (4 800 Lux)
- 4 extremely precise nozzle
- 5 large viewing panel



perfect view



compact



tool included



easy use

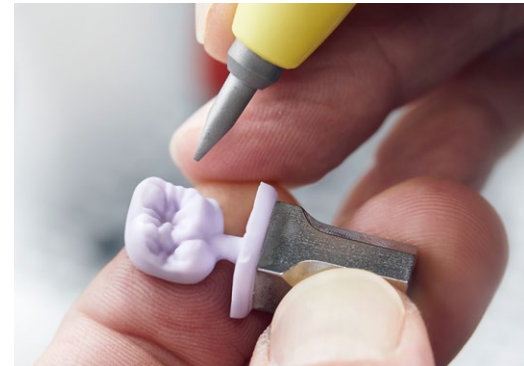
Oliver Brix meets Basic quattro IS:

"The Basic quattro IS sandblaster is so precise that I can even define fissures."



To define fissures' morphology is just as simply as this:
Video clip on www.renfert.com/basic

Overview Sandblasters	Basic quattro IS	Basic quattro	Basic master	Basic classic	Basic eco
Number of tanks	2-4	2-4	2	1-2	1-2
Blasting chamber volume	20l	20l	20l	14l	10l
Blow-out nozzle	✓	✓	-	-	-
Immediate stop function	✓	-	-	-	-
Individual pressure setting for each tank	✓	-	-	-	-
Silicone-coated glass	✓	✓	✓	optional	-





perfect
view



easy use



tool
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Basic quattro IS

Fine sandblasting unit

Professional fine sandblasting unit with 2–4 blasting tanks and the “IS” immediate stop technology, for controlled sandblasting without an after-flow of sandblasting material.

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 100–120 V, 50/60 Hz
Working pressure	1–6 bar (14,5–87 psi)
Max. connection pressure	6–8 bar (87–116 psi)
Air consumption	98 l/min at 6 bar (3.46 cfm at 87psi)
Intensity of lighting	4800 Lux
Lamp power	16 W
Dimensions (W x H x D) 1–2 tank version	395 x 320 x 510 mm (15.6 x 12.6 x 20.1")
Dimensions (W x H x D) 3–4 tank version	395 x 320 x 610 mm (15.6 x 12.6 x 24.0")
Tank capacity	1000 ml (34 fl. oz.)
Number of tanks	2–4
Blasting chamber volume	20 l (5.3 gal)
Weight (empty, 2-tanks)	11,5 kg (25.4 lbs)

Ordering information

Basic quattro IS , 220–240 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0,8 mm / 1,2 mm	No. 2959 0000
Basic quattro IS , 100–120 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0,8 mm / 1,2 mm	No. 2959 1000
Additional tank , incl. nozzle 0,8 mm, 25–70 µm	No. 2959 0050
Additional tank , incl. nozzle 1,2 mm, 70–250 µm	No. 2959 0250

#RenfertBlog

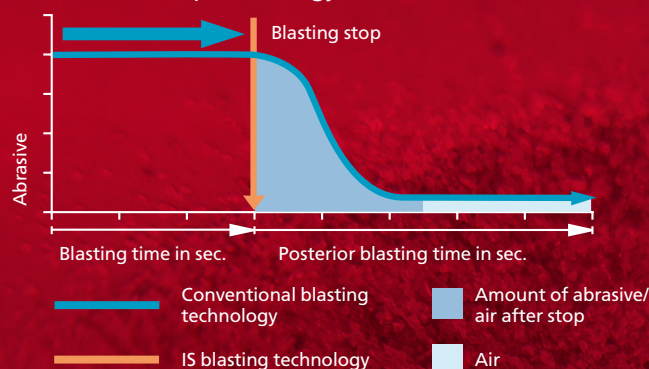
„Sand-blasted, not layered“ by Oliver Brix
→ blog.renfert.com



**More information
available online**



IS Immediate Stop technology



Advantages

- Saves up to 80% sandblasting material thanks to the air-sand mixture and the integrated “IS” immediate stop technology.
- Quick and safe operation with the help of individual pressure adjustment and indicator for each tank.
- Large sandblasting chamber (20 l) allows maximum freedom of movement.

Details

- Easy, tool-free tank extension via the quick-coupling and color-coded system.
- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology.
- Long-lasting good visibility of the object through silicone-coated glass panel.

Making work easy

The unique mixing chamber provides an optimal air/abrasive mixture for the most efficient blasting process assuring that very little blasting media goes to waste. Moreover, the unit is particularly suitable for the extremely delicate fissure blasting thanks to the Immediate Stop Function.

Basic quattro

Fine sandblasting unit

Professional fine sandblasting unit with 2-4 blasting tanks.



Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 100–120 V, 50/60 Hz
Working pressure	1–6 bar (14,5–87 psi)
Max. connection pressure	6–8 bar (87–116 psi)
Air consumption	98 l/min at 6 bar (3.46 cfm at 87 psi)
Intensity of lighting	4800 Lux
Lamp power	16 W
Dimensions (W x H x D) 1–2 tank version	395 x 285 x 460 mm (15.6 x 11.2 x 18.1")
Dimensions (W x H x D) 3–4 tank version	395 x 285 x 560 mm (15.6 x 11.2 x 22.0")
Tank capacity	1000 ml (34 fl. oz.)
Number of tanks	2–4
Blasting chamber volume	20 l (5.3 gal)
Weight (empty, 2-tanks)	8,9 kg (19.6 lbs)

Advantages

- Great cost efficiency through special mixing chamber technology (Venturi-Principle).
- Easy to clean hand and object with the integrated jet nozzle.
- Large sandblasting chamber (20 l) allows maximum freedom of movement.

Details

- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology.
- Long-lasting good visibility of the object through silicone-coated glass panel.

Ordering information

Basic quattro , 220–240 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2958 0000
Basic quattro , 100–120 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2958 1000
Additional tank , incl. nozzle 0.8 mm, 25–70 µm	No. 2958 0050
Additional tank , incl. nozzle 1.2 mm, 70–250 µm	No. 2958 0250

HowTo-Video

Tank assembly in only a few stages.
youtu.be/ex2iH2QwLww



**More information
available online**





perfect
view



tool
included



Basic master

Fine sandblasting unit

Fine sandblasting unit with 2 blasting tanks and large blasting chamber.

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 100–120 V, 50/60 Hz
Working pressure	1–6 bar (14,5–87 psi)
Max. connection pressure	6–8 bar (87–116 psi)
Air consumption	98 l/min at 6 bar (3.46 cfm at 87 psi)
Intensity of lighting	4800 Lux
Lamp power	16 W
Dimensions (W x H x D)	395 x 285 x 460 mm (15.6 x 11.2 x 18.1")
Tank capacity	1000 ml (34 fl. oz.)
Number of tanks	2
Blasting chamber volume	20 l (5.3 gal)
Weight (empty, 2-tanks)	8,1 kg (17.9 lbs)

Ordering information

Basic master , 220–240 V, 2 x 25–70 µm, incl. 2 nozzles 0.8 mm	No. 2948 2000
Basic master , 220–240 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2948 2025
Basic master , 220–240 V, 2 x 70–250 µm, incl. 2 nozzles 1.2 mm	No. 2948 2250
Basic master , 100–120 V, 2 x 25–70 µm, incl. 2 nozzles 0.8 mm	No. 2948 4000
Basic master , 100–120 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2948 4025
Basic master , 100–120 V, 2 x 70–250 µm, incl. 2 nozzles 1.2 mm	No. 2948 4250

More information
available online



Tip – Cold siliconizing in the sandblasting unit

3M Espe recommends exclusive use of the Basic series of Renfert sandblasting units with Rocatec™. The advantage: the coverage is absolutely uniform using the prescribed impact energy.

Advantages

- Great cost efficiency through special mixing chamber technology (Venturi-Principle).
- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology
- Large sandblasting chamber (20 l) allows maximum freedom of movement.

Details

- Long-lasting good visibility of the object through silicone-coated glass panel.

Basic classic

Fine sandblasting unit

Space-saving fine sandblasting unit with 1–2 blasting tanks.



perfect
view



tool
included



Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 100–120 V, 50/60 Hz
Working pressure	1–6 bar (14,5–87 psi)
Max. connection pressure	6–8 bar (87–116 psi)
Air consumption	98 l/min at 6 bar (3.46 cfm at 87 psi)
Intensity of lighting	4800 Lux
Lamp power	16 W
Dimensions (W x H x D)	355 x 270 x 415 mm (14.0 x 10.6 x 16.3")
Tank capacity	1000 ml (34 fl. oz.)
Number of tanks	1–2
Blasting chamber volume	14 l (3.7 gal)
Weight (empty, 2-tanks)	6,5 kg (14.3 lbs)
Weight (empty, 1-tank)	5,4 kg (11.9 lbs)

Advantages

- Great cost efficiency through special mixing chamber technology (Venturi-Principle).
- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology
- Large sandblasting chamber (14 l) allows good freedom of movement.

Details

- Tool-free extension to 2 tanks.

Ordering information

Basic classic , 220–240 V, 1 x 25–70 µm, incl. nozzle 0.8 mm	No. 2947 1050
Basic classic , 220–240 V, 1 x 70–250 µm, incl. nozzle 1.2 mm	No. 2947 1250
Basic classic , 220–240 V, 2 x 25–70 µm, incl. 2 nozzles 0.8 mm	No. 2947 2000
Basic classic , 220–240 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2947 2025
Basic classic , 220–240 V, 2 x 70–250 µm, incl. 2 nozzles 1.2 mm	No. 2947 2250
Basic classic , 100–120 V, 1 x 25–70 µm, incl. nozzle 0.8 mm	No. 2947 3050
Basic classic , 100–120 V, 1 x 70–250 µm, incl. nozzle 1.2 mm	No. 2947 3250
Basic classic , 100–120 V, 2 x 25–70 µm, incl. 2 nozzles 0.8 mm	No. 2947 4000
Basic classic , 100–120 V, 1 x 25–70 µm, 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2947 4025
Basic classic , 100–120 V, 2 x 70–250 µm, incl. 2 nozzles 1.2 mm	No. 2947 4250
Retrofit tank , 25–70 µm, incl. nozzle 0.8 mm	No. 2947 0050
Retrofit tank , 70–250 µm, incl. nozzle 1.2 mm	No. 2947 0250

More information
available online





perfect
view



tool
included



compact



Basic eco

Fine sandblasting unit

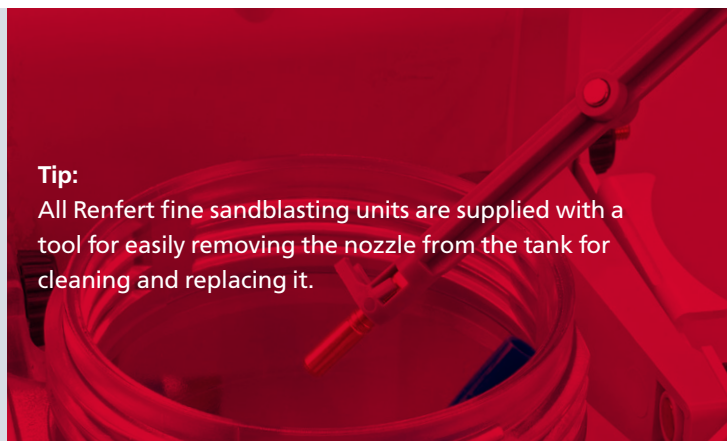
Compact, fine sandblasting unit with 1 or 2 blasting tanks.

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 120 V, 50/60 Hz
Working pressure	1–6 bar (14.5–87 psi)
Max. connection pressure	6–8 bar (87–116 psi)
Air consumption	98 l/min at 6 bar (3.46 cfm at 87 psi)
Intensity of lighting	4800 Lux
Lamp power	9 W
Dimensions (W x H x D)	350 x 275 x 400 mm (13.8 x 10.8 x 15.7")
Tank capacity	1000 ml (34 fl. oz.)
Number of tanks	1–2
Blasting chamber volume	10 l (2.64 gal)
Weight (empty, 2-tanks)	5,5 kg (12.1 lbs)
Weight (empty, 1-tank)	4,4 kg (9.7 lbs)

Ordering information

Basic eco , 220–240 V, 1 x 25–70 µm, incl. nozzle 0.8 mm	No. 2949 1050
Basic eco , 220–240 V, 1 x 70–250 µm, incl. nozzle 1.2 mm	No. 2949 1250
Basic eco , 220–240 V, 1 x 25–70 µm , 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2949 2025
Basic eco , 120 V, 1 x 25–70 µm, incl. nozzle 0.8 mm	No. 2949 3050
Basic eco , 120 V, 1 x 70–250 µm, incl. nozzle 1.2 mm	No. 2949 3250
Basic eco , 120 V, 1 x 25–70 µm , 1 x 70–250 µm, incl. 2 nozzles 0.8 mm / 1.2 mm	No. 2949 4025
Retrofit tank , 25–70 µm, incl. nozzle 0.8 mm	No. 2947 0050
Retrofit tank , 70–250 µm, incl. nozzle 1.2 mm	No. 2947 0250



Tip:

All Renfert fine sandblasting units are supplied with a tool for easily removing the nozzle from the tank for cleaning and replacing it.

Advantages

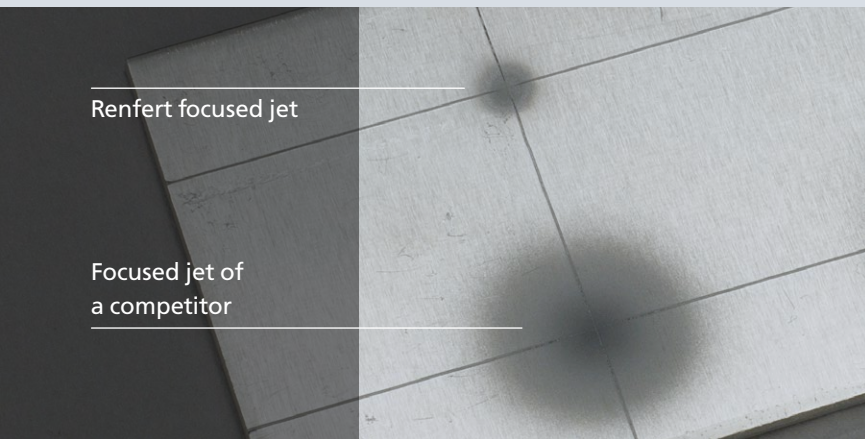
- Great cost efficiency through special mixing chamber technology (Venturi-Principle).
- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology
- Sufficient freedom of movement in the large sandblasting chamber (10 l).

Details

- Tool-free extension to 2 tanks.

Renfert focused jet

Focused jet of
a competitor





Why a passion for dental craftsmanship and making work easy go hand in hand for Renfert.

At Renfert, we strive to make the dental technicians' and dentists' work easier and enable an ideal workflow. Our equipment and materials are developed in close cooperation with the people who work with them daily. Many users prize the quality and rely on this claim every day they work with Renfert products.

↓

making work easy

Renfert

**WORKFLOW
GUARANTEE**

3 year guarantee
10 year spare parts service
Activity guarantee

www.renfert.com