

**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

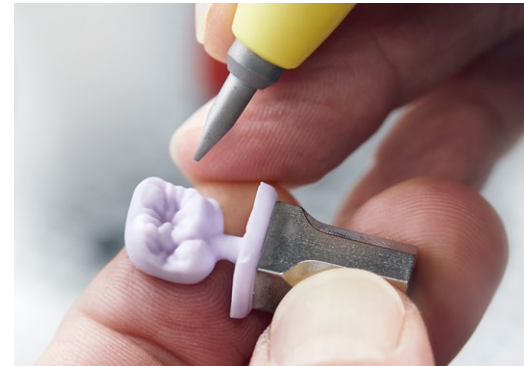
### Oliver Brix meets Basic quattro IS:

"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](http://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      | -         |



# 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.



perfect view



easy use



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 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

|   |               |
|---|---------------|
| <b>Basic quattro IS</b> , 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 |
| <b>Basic quattro IS</b> , 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 |
| <b>Additional tank</b> , incl. nozzle 0,8 mm, 25–70 µm  | No. 2959 0050 |
| <b>Additional tank</b> , incl. nozzle 1,2 mm, 70–250 µm   | No. 2959 0250 |

### #RenfertBlog

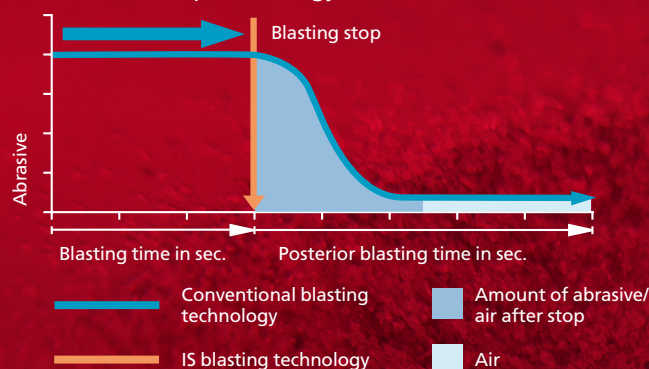
„Sand-blasted, not layered“ by Oliver Brix  
→ [blog.renfert.com](http://blog.renfert.com)



**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.



### 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.

### 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)                         |

### Ordering information

|  |               |
|--|---------------|
| <b>Basic quattro</b> , 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 |
| <b>Basic quattro</b> , 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 |
| <b>Additional tank</b> , incl. nozzle 0.8 mm, 25–70 µm   | No. 2958 0050 |
| <b>Additional tank</b> , incl. nozzle 1.2 mm, 70–250 µm  | No. 2958 0250 |

### HowTo-Video

Tank assembly in only a few stages.  
[youtu.be/ex2iH2QwLww](https://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

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

### 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.

More information  
available online



# Basic classic

## Fine sandblasting unit

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



### 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.

### 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)                         |

### Ordering information

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

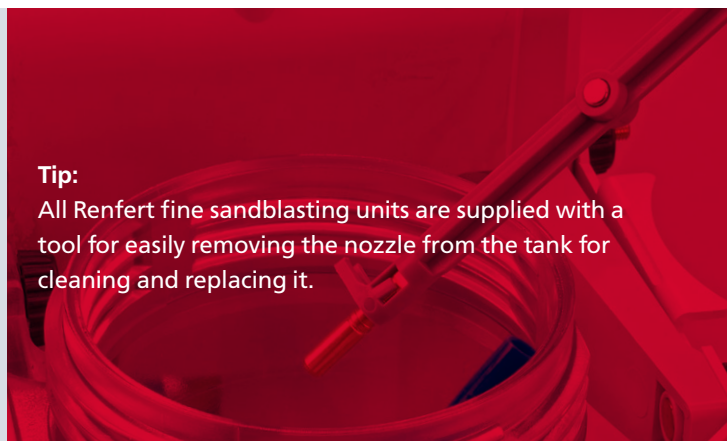
Compact, fine sandblasting unit with 1 or 2 blasting tanks.

#### 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

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

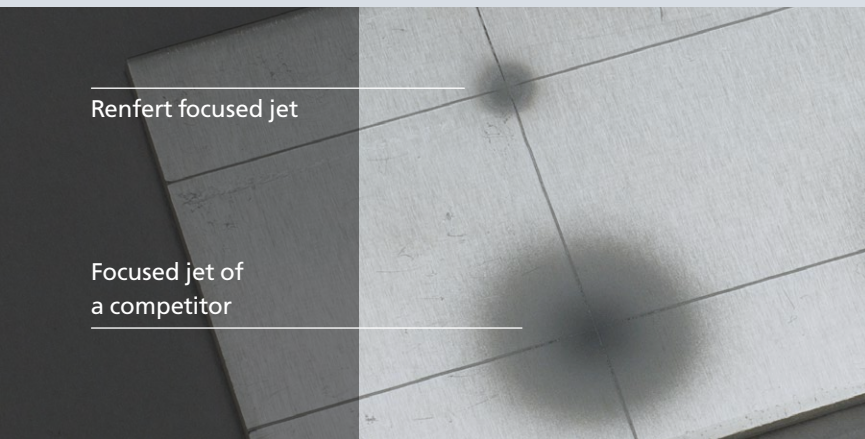
- Great cost efficiency through special mixing chamber technology (Venturi-Principle).
- Precise sandblasting due to excellent illumination of the blasting chamber with LED technology
- Sufficient freedom of movement in the large sandblasting chamber (10 l).

#### 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



**WORKFLOW  
GUARANTEE**

3 year guarantee  
10 year spare parts service  
Activity guarantee

[www.renfert.com](http://www.renfert.com)