

Renfert

making work easy



Basic prebonder

NEW

Fine sandblasting unit for surface conditioning prior to adhesive cementation

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Renfert standardizes surface conditioning prior to adhesive cementation in dental offices with the Basic prebonder system. Scientifically defined sandblasting parameters and coordinated system components transform a procedure that was previously highly dependent on the user into a defined clinical process. Basic prebonder provides clearly defined conditions for surface treatment of zirconium oxide, metal alloys, hybrid materials, and modern polymers prior to adhesive bonding. Based on Renfert's proven Basic quattro IS technology, the Basic prebonder offers a practical, modular system.

Advantages

- Processing reliability in adhesive bonding thanks to standardized sandblasting of zirconium oxide and other materials.
- Reliable results thanks to scientifically defined sandblasting parameters and coordinated system components.
- Better control over a sensitive procedure by means of reproducible sandblasting conditions.

Details

- Consistent energy input via the Basic prebonder control tip for a defined working distance.
- Uniform surface roughness achieved through the special Basic prebonder jet nozzle with homogeneous sandblasting jet.
- Flexible tank options make clinical surface conditioning simple and efficient, while allowing for many other sandblasting applications (e.g., prosthesis cleaning, cement removal).



tool included



easy use



perfect view



The Art of Control – Basic prebonder: More than sandblasting. Pre-bonding.

Technical data

Permissible mains voltage	220–240 V 100–120 V
Permissible mains frequency	50 / 60 Hz
Working pressure	Fine sandblasting for bonding 0.6–1 bar // 8.7–14.5 psi Recommended setting 0.8 bar // 11.6 psi
Working pressure (additional tank)	Conventional fine sandblasting 1–6 bar // 14.5–87 psi
Connection pressure	6–8 bar // 87–116 psi
Volume flow (max.)	98 l/min // 3.46 cfm
Lamp power	16 W
Intensity of lighting max.	4800 lx
Number of tanks	2–4
Sandblasting chamber volume	20 l // 5.3 gal
Immediate stop function Silicone-coated panel	yes yes
Dimensions (W x H x D) (1–2 tank version)	395 x 320 x 510 mm
Dimensions (W x H x D) (3–4 tank version)	396 x 320 x 610 mm
Tank capacity	1000 ml
Weight (empty, 2-tanks)	~11.5 kg

Ordering information

Basic prebonder and additional tank 25–70 µm, 220–240 V	No. 29691050
Basic prebonder and additional tank 25–70 µm, 100–120 V	No. 29694050
Basic prebonder and additional tank 70–250 µm, 220–240 V	No. 29691250
Basic prebonder and additional tank 70–250 µm, 100–120 V	No. 29694250
Prebonder surface pro 50 µm, 4x 500 g	No. 15970050

Scope of delivery

1 x Basic prebonder tank: Only for 50 µm Prebonder surface pro abrasive incl. special nozzle (Basic prebonder jet nozzle), spacer pin / focusing aid (Basic prebonder control tip), additional 2 bar linear pressure reducer, 4 replacement spacer pins / focusing aids (Basic prebonder control tip), 1 test surface for monitoring the sandblasting parameters (Basic prebonder control pad), 1 x conventional fine sandblasting tank 25-70 µm incl. jet nozzle 0.8 mm

