

Renfert

making work easy



SILENT extraction units

Powerful and quiet dust extraction

Extraction units with maximum power and quietness

It is easy to concentrate and keep the workplace clean with the SILENT extraction units.



Combine cleanliness and quietness

A workplace where the fine dust is greatly reduced and at the same time has a pleasant, low noise level greatly facilitates working. SILENT extraction units are therefore not only extremely powerful – with a suction capacity (depending on the version) up to a volume flow of 4000 l/min. – but also surprisingly quiet, thanks to psychoacoustic findings.



Easy start, intuitive operation

Renfert extraction units can be very easily and quickly connected (Plug & Play), operated, cleaned and maintained. They provide the ideal filter technology for every requirement, with or without a bag depending on the version. The front of the unit allows convenient, direct access to all operating elements. All parameters can be very easily set using a membrane keypad or via a clear multifunctional display.



Increase process reliability with sophisticated motor technology

Two different motor technologies are available, which are both characterized by a very high service life. The collector motors with an elaborate transformer controller provide a motor running time of > 1 000 operating hours. If the motor has to be replaced after a long service life, this is easily completed within a few minutes. The EC motors with brushless turbine technology also have a long service life of > 5 000 operating hours.

Easy calibration of the automatic switch-on function in a few simple steps



www.t1p.de/silent-extraction-en

Simply connect and start extracting

Your dust generating devices are optimally controlled together with the workstation extraction units using the easily adjustable calibration of the automatic switch-on function. The PLC interface is the intelligent bi-directional communication with your CAM unit.



Overview SILENT extraction units

	Indication					Properties			
	Single workbench extraction	Two workbench extraction	Four workbench extraction	Device extraction unit	CAM extraction unit	Filter bag	Bagless with filter cleaning	Collector motor	EC turbine
 SILENT V4 230 V Art. No. 2933 0000			■				■		■
 SILENT EC2 220–240 V Art. No. 2937 0000 120 V Art. No. 2937 1000 100 V Art. No. 2937 2000		■					■		■
 SILENT TC2 220–240 V Art. No. 2936 0000		■					■	■	
 SILENT TS2 220–240 V Art. No. 2930 0050 120 V Art. No. 2930 1050		■				■		■	
 SILENT TC 220–240 V Art. No. 2935 0000	■			■			■	■	
 SILENT TS 220–240 V Art. No. 2921 0050 100–120 V Art. No. 2921 1050	■			■		■		■	
 SILENT compact 220–240 V Art. No. 2934 0000 120 V Art. No. 2934 1000 100 V Art. No. 2934 1500	■			■			■	■	
 SILENT powerCAM EC 220–240 V Art. No. 2939 0000 120 V Art. No. 2939 1000 100 V Art. No. 2939 2000					■		■		■
 SILENT compactCAM 230–240 V Art. No. 2934 2000 220 V Art. No. 2934 2500 120 V Art. No. 2934 3000 100 V Art. No. 2934 3500					■		■	■	

SILENT V4

Four workbench extraction

Powerful, bag-free, four-workbench extraction unit with four independently controlled suction ports, pneumatic fine filter cleaning and long-lasting EC motor technology.



silent



silent



SILENT EC2

Two workbench extraction

Powerful, bag-free extraction unit with two independently controlled suction ports, automatic filter cleaning and EC motor technology.

“With the Quattro control box I was able to connect my units in the test laboratory virtually without an extension cable. An overload protection is also included with this innovative technology.”

Joanna Deligianni
Product Management, Dental Technician

Advantages

- Secure production process through low-maintenance EC motor technology (> 5 000 operating hours).
- Virtually consistent suction power thanks to innovative, pneumatic filter cleaning re-adjustment.
- Low operating noise of max. 63 dB (A).

Details

- Suction power as required using four independently controlled pinch valves and automatic readjustment.
- Intuitive and centralized operability via LCD display and optional remote control.
- Central connection of all consumers thanks to the Quattro Control Box.

Making work easy

The commutatorless EC motor has a considerably longer motor running time in comparison with commutator motors (> 5 000 operating hours). This long-life motor technology ensures maximum process reliability and saves expensive service and maintenance costs.

Technical data – SILENT V4

Permissible mains voltage / frequency	220–240 V +/- 10%, 50/60 Hz
Nominal voltage	230 V
Suction turbine power	1400 W (230 V)
Volume flow (max.)	4000 l/min (2.35 ft ³ /s)
Max. depression	110 hPa (1.6 psi)
Filter quality	Class M according to EN 60335-2-69
Min./max. connection pressure external	4.5 bar (65 psi) / 8 bar (116 psi)
Number of suction hoses	4
Sound pressure level (LpA) (at max. volume flow)	63 dB (A)
Fill level dust collector	~ 12 l (3.17 gal)
Weight (empty)	~ 45 kg (99.36 lbs)
Dimensions (W x H x D)	350 x 750 x 590 mm (13.78 x 29.53 x 23.23")
Ø suction fittings interior	38 mm (1.50")
Ø suction fittings exterior	45 mm (1.77")

Technical data – Quattro Control Box

Permissible mains voltage / frequency	220–240 V, 50/60 Hz
Max. connected load for appliance socket	2300 W
Max. connected load for QCB in total	2300 W
Mains input fuse	10 A (T)
Dimensions (W x H x D)	170 x 130 x 130 mm (6.69 x 5.12 x 5.12")
Weight	approx. 1 kg (2.2 lbs)

Ordering information

SILENT V4 , 230 V 50/60 Hz	No. 2933 0000
Suction hose , 3 m (incl. 2 end bushings)	No. 90003 4240
Suction hose , 6 m	No. 90115 0823
Suction hose , 9 m	No. 90215 0823
End bushing set , 2 pieces	No. 2921 0003
External ventilation	No. 2933 0002
Cooling air tube , for integration of SILENT V4 in workbench furnishing	No. 2933 0003
Adjustable feet , for integration of SILENT V4 in workbench furnishing	No. 2933 0004
Starter set , 2 remote controls, distribution box, QCB interface cable	No. 2933 0420
Remote control , 1 piece	No. 2933 0400
Conversion kit front panel	No. 2933 0005
Pinch valve, straight	No. 90002 1526
Additional accessories	Pages 14–15

Scope of delivery SILENT V4

SILENT V4, Power cable, Quattro Control Box (= QCB), Power cable QCB, Interface cable QCB, Kit of holder QCB, Compressed air tube

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 120 V, 50/60 Hz 100 V, 50/60 Hz
Suction turbine power	1610 W (230 V) 1440 W (120 V) 1150 W (100 V)
Volume flow (max.)	3980 l/min (2.34 ft ³ /s)
Max. depression	257 hPa / 3.73 psi (230 V) 262 hPa / 3.80 psi (120 V) 255 hPa / 3.70 psi (100 V)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	1840 W (230 V) 430 W (120 V) 350 W (100 V)
Total connected power	3450 W (230 V) 1800 W (120 V) 1500 W (100 V)
Min./max. extern connection pressure	4.5 bar (65 psi) / 8 bar (116 psi)
Number of suction hoses	2
Sound pressure level (LpA) at max. volume flow	55 dB (A)
Fill level dust collector	~ 7.0 l (1.85 gal)
Weight (empty)	~ 18.5 kg (40.8 lbs.)
Dimensions (W x H x D)	285 x 535 x 540 mm (11.2 x 21.1 x 21.2")
Ø suction fittings interior	45 mm (1.77")
Ø suction fittings exterior	50 mm (1.97")

Ordering information

SILENT EC2 , 220–240 V 50/60 Hz	No. 2937 0000
SILENT EC2 , 120 V 50/60 Hz	No. 2937 1000
SILENT EC2 , 100 V 50/60 Hz	No. 2937 2000
Starter Kit Waste bag for SILENT TC, TC2, EC2	No. 2934 0015
External ventilation for SILENT TC/TC2/EC2/powerCAM EC	No. 2937 0002
Pinch valve, straight	No. 90002 1526
Additional accessories	Pages 14–15

Scope of delivery SILENT EC2

SILENT EC2, Quick Start Guide, Quick Reference Card, Compressed air tube (fixed on the unit), Connection set, 2 pinch valves with suction supports (already installed), Suction hose 4 m, 4 end bushings



Advantages

- Secure production process through low-maintenance EC motor technology (> 5 000 operating hours).
- Consistent suction power thanks to automatic re-adjustment.
- Low operating noise of max. 55 dB (A).

Details

- No follow-up costs due to bag-free dust collection.
- Intuitive operation incl. handpiece calibration with large multifunctional display.

NEW SILENT TC2

Two workbench extraction

Powerful, bag-free extraction unit with two independently controlled suction ports, automatic filter cleaning and long-lasting collector motor.



silent



silent



SILENT TS2

Two workbench extraction

Powerful extraction unit with two separately controlled suction ports, durable collector motor and double filter system.



Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz
Suction turbine power	850 W (230 V)
Volume flow (max.)	3980 l/min (2.34 ft ³ /s)
Max. depression	281 hPa / 4.1 psi (230 V)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	2000 W (230 V)
Total connected power	2850 W (230 V)
Min./max. connection pressure	4.5 bar (65 psi) / 8 bar (116 psi)
Number of suction hoses	2
Sound pressure level (LpA) at max. volume flow	55 dB (A)
Fill level dust collector	7.0 l (1.85 gal)
Weight (empty)	23 kg (50.7 lbs.)
Dimensions (W x H x D)	285 x 535 x 540 mm (11.2 x 21.1 x 21.2")
Ø suction fittings interior	45 mm (1.77")
Ø suction fittings exterior	50 mm (1.97")

Ordering information

SILENT TC2 , 220–240 V 50/60 Hz	No. 2936 0000
Starter Kit Waste bag for SILENT TC, TC2, EC2	No. 2934 0015
External ventilation for SILENT TC/TC2/EC2/powerCAM EC	No. 2937 0002
Pinch valve, straight	No. 90002 1526
Additional accessories	Pages 14–15

Scope of delivery SILENT TC2

SILENT TC2, Quick Start Guide, Compressed air tube (fixed on the unit), Connection set, 2 pinch valves with suction supports (already installed), Suction hose 4 m, 4 end bushings

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 120 V, 60 Hz
Suction turbine power	1400 W
Volume flow (max.)	3300 l/min (1.94 ft ³ /s)
Max. depression	200 hPa (2.9 psi)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	2000 W (230 V) 360 W (120 V)
Total connected power	3400 W (230 V) 1800 W (120 V)
Mains input fuse	2 x 15 A (T)
Min./max. extern connection pressure	4.5 bar (65 psi) / 8 bar (116 psi)
Number of suction hoses	2
Sound pressure level (LpA) at max. volume flow	59 dB (A)
Fill volume dust collector	7.5 l (2 gal)
Weight (empty)	~ 27 kg (59.5 lbs.)
Dimensions (W x H x D)	224 x 591 x 584 mm (8.8 x 23.3 x 23.0")
Ø suction fittings interior	45 mm (1.77")
Ø suction fittings exterior	50 mm (1.97")

Ordering information

SILENT TS2 , 220–240 V 50/60 Hz	No. 2930 0050
SILENT TS2 , 120 V 60 Hz	No. 2930 1050
Dust bag kit , 5 pieces	No. 2921 0002
Adapter for external exhaust air duct , for SILENT TS/TS2	No. 2921 0004
Pinch valve, straight	No. 90002 1526
Additional accessories	Pages 14–15

Scope of delivery SILENT TS2

SILENT TS2, Suction hose 4 m, 4 PVC end bushings



Advantages

- Consistent suction power thanks to automatic re-adjustment.
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).
- Low operating noise of max. 55 dB (A).

Details

- No follow-up costs due to bag-free dust collection.
- Working without interruption due to an uncomplicated motor change within minutes.
- Effective dust reduction using a high volume flow (approx. 4 000 l/min.).

Advantages

- Consistent suction power thanks to automatic re-adjustment.
- Low operating noise of max. 59 dB (A).
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).

Details

- Intuitive operation incl. handpiece calibration with large multifunctional display.
- High degree of health protection through double filter system, optional H/HEPA filter available.
- Working without interruption due to an uncomplicated motor change within minutes.

NEW SILENT TC

Single workbench extraction

Powerful, bag-free extraction unit with automatic filter cleaning and long-lasting collector motor.



silent



silent



SILENT TS

Single workbench extraction

Powerful extraction unit with durable collector motor and double filter system.



Advantages

- No follow-up costs due to bag-free dust collection.
- Low operating noise of max. 54.3 dB (A).
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).

Details

- Comfortable operation of the switch-on function through key combination.
- Working without interruption due to an uncomplicated motor change within minutes.

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz
Suction turbine power	850 W (230 V)
Volume flow (max.)	3980 l/min (2.34 ft ³ /s)
Max. depression	281 hPa / 4.1 psi (230 V)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	2000 W (230 V)
Total connected power	2850 W (230 V)
Number of suction hoses	1
Sound pressure level (LpA) at max. volume flow	54.3 dB (A)
Fill level dust collector	7.0 l (1.85 gal)
Weight (empty)	22.0 kg (48.5 lbs.)
Dimensions (WxHxD)	275 x 535 x 540 mm (10.8 x 21.1 x 21.3")
Ø suction fittings interior	45 mm (1.77")
Ø suction fittings exterior	50 mm (1.97")

Ordering information

SILENT TC , 220–240 V 50/60 Hz	No. 2935 0000
Starter Kit Waste bag for SILENT TC, TC2, EC2	No. 2934 0015
External ventilation for SILENT TC/TC2/EC2/powerCAM EC	No. 2937 0002
Additional accessories	Pages 14–15

Scope of delivery SILENT TC

SILENT TC, Quick Start Guide, Suction hose 3 m incl. 2 end mufflers

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 100–120 V, 50/60 Hz
Suction turbine power	1400 W (230 V, 120 V) 1000 W (100 V)
Volume flow (max.)	3300 l/min (230 V, 120 V) (1.94 ft ³ /s) 2900 l/min (100 V) (2.0 ft ³ /s)
Max. depression	200 hPa (2.9 psi)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	2000 W (230 V) 360 W (120 V) 500 W (100 V)
Total connected power	3400 W (230 V) 1800 W (120 V) 1500 W (100 V)
Mains input fuse	2 x 15 A (T)
Number of suction hoses	1
Sound pressure level (LpA) at max. volume flow	63 dB (A)
Fill volume dust collector	7.5 l (2 gal)
Weight (empty)	~ 26 kg (57 lbs.)
Dimensions (W x H x D)	224 x 591 x 564 mm (8.8 x 23.3 x 22.2")
Ø suction fittings interior	32 mm (1.26")
Ø suction fittings exterior	40 mm (1.57")

Ordering information

SILENT TS , 220–240 V 50/60 Hz	No. 2921 0050
SILENT TS , 100–120 V 50/60 Hz	No. 2921 1050
Dust bag kit , 5 pieces	No. 2921 0002
Adapter for external exhaust air duct , for SILENT TS/TS2	No. 2921 0004
Pinch valve, straight	No. 90002 1526
Additional accessories	Pages 14–15

Scope of delivery SILENT TS

SILENT TS, Suction hose 3 m, Special dust bag, Fine-filter, Universal hose connection adapter



Advantages

- Low operating noise of max. 63 dB (A).
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).
- High degree of health protection through double filter system, optional H/HEPA filter available.

Details

- Working without interruption due to an uncomplicated motor change within minutes.
- Effective dust reduction using a high volume flow (approx. 3 300 l/min.)

SILENT compact

Single workbench extraction

Compact, bag-free extraction unit with automatic filter cleaning and long-lasting collector motor.



silent



compact



Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 120 V, 50/60 Hz 100 V, 50/60 Hz
Nominal voltage	230 V / 120 V / 100 V
Suction turbine power	490 W (230 V) 480 W (120 V) 480 W (100 V)
Volume flow (max.)	2500 l/min (1.47 ft ³ /s)
Max. depression	219 hPa (3.2 psi)
Filter quality	Class M according to EN 60335-2-69
Max. permitted connected load of the plug-in socket	1350 W (230 V) 480 W (120 V) 320 W (100 V)
Number of suction hoses	1
Sound pressure level (LpA) at max. volume flow	55 dB (A)
Fill level dust collector	~ 2.6 l (0.69 gal)
Weight (empty)	~ 13.2 kg (29.1 lbs)
Dimensions (W x H x D)	245 x 440 x 500 mm (9.6 x 17.3 x 19.7")
Ø suction fittings interior	35 mm (1.38")
Ø suction fittings exterior	40 mm (1.57")

Ordering information

SILENT compact , 220–240 V 50/60 Hz	No. 2934 0000
SILENT compact , 120 V 50/60 Hz	No. 2934 1000
SILENT compact , 100 V 50/60 Hz	No. 2934 1500
Exhaust air adapter for SILENT compact/compactCAM	No. 2934 0004
Additional accessories	Pages 14–15

Scope of delivery SILENT compact

SILENT compact, Suction hose 2 m incl. 2 end mufflers

Advantages

- No follow-up costs due to bag-free dust collection.
- Low operating noise of max. 55 dB (A).
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).

Details

- Comfortable operation of the switch-on function through key combination.
- Working without interruption due to an uncomplicated motor change within minutes.

Renfert CAM-extraction units



A plus for the health of your staff – a plus for your CAM milling device

The issue of extraction technology in your laboratory is becoming increasingly important. Renfert offers custom-made solutions for every area of application and, for several years now, especially for dental CAM units.

Health protection is an important factor as most milling work produces large quantities of fine dust particles within a very short period of time. This has to be extracted efficiently, and above all collected safely by a highly effective filter system – for a significant improvement of the laboratory environment.

Bagless filter technology gentle on your finances

Renfert uses bagless fine filter technology with mechanical cleaning for CAM extraction units. This means that the full suction power is available after each cleaning!!

The right solution for everyone

Depending on the size and running time of your milling machine, Renfert will always give you the right solution. For smaller CAM units we recommend our SILENT compactCAM with collector motor, for larger CAM units with longer running times our SILENT powerCAM EC with brushless turbine technology. Both extraction units guarantee a strong suction performance and unite cleanliness and quietness in your laboratory.

Extraction and CAM unit intelligently connected

The PLC interface is the intelligent bi-directional communication with your CAM unit. This enables messages to be processed and tasks to be initiated, e.g. switching on and off, activating the cleaning of the fine filter and detecting the function status of the extraction unit. All you need to do is simply connect the extraction unit to your CAM device and off you go!



Application examples:
SILENT compactCAM (top)
SILENT powerCAM EC (bottom)



SILENT powerCAM EC

CAM extraction

Powerful, bag-free extraction unit with automatic filter cleaning and EC motor technology for heavily used CAM units.



silent



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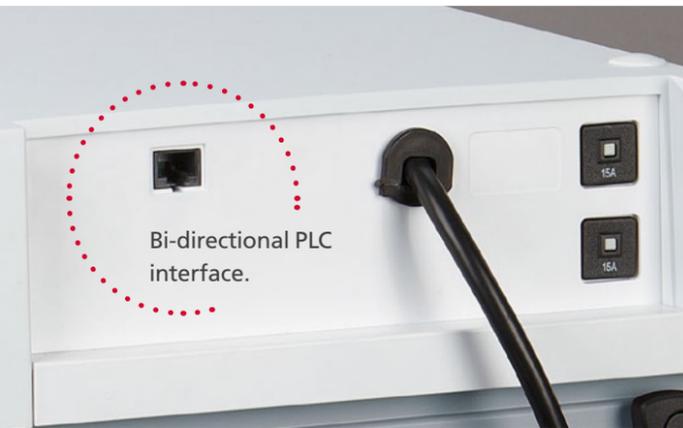
compact



SILENT compactCAM

CAM extraction

Compact, bag-free extraction unit for use with compact, dental CAM equipment.



Bi-directional PLC interface.

Technical data

Permissible mains voltage / frequency	220–240 V, 50/60 Hz 120 V, 50/60 Hz 100 V, 50/60 Hz
Nominal voltage	230 V 120 V 100 V
Suction turbine power	1610 W (230 V) 1440 W (120 V) 1250 W (100 V)
Volume flow (max.)	3984 l/min (2.34 ft ³ /s)
Max. depression	257 hPa / 3.73 psi (230 V) 262 hPa / 3.80 psi (120 V) 255 hPa / 3.70 psi (100 V)
Filter quality	Class M according to EN 60335-2-69
CAM interface	RJ 45 socket
PLC:	2 x turbine suction level 1, urbine suction level 2, turbine off, filter cleaning /
Input signal / Output signal	2 x filter cleaning – status information
Sound pressure level (LpA) at max. volume flow	54.3 dB (A)
Fill level dust collector	– 7.0 l (1.85 gal)
Weight (empty)	– 18.0 kg (39.7 lbs)
Dimensions (W x H x D)	270 x 535 x 540 mm (10.6 x 21.1 x 21.2")
Ø suction fittings interior	42 mm (1.65")

Ordering information

SILENT powerCAM EC , 220–240 V 50/60 Hz	No. 29390000
SILENT powerCAM EC , 120 V 50/60 Hz	No. 29391000
SILENT powerCAM EC , 100 V 50/60 Hz	No. 29392000
Interface cable Type A , for vhf, 5-pin, 5 m	No. 29340005
Interface cable Type B , for Roland DG, 5 m	No. 29340006
Interface cable Type C , for imes-icore, 5 m	No. 29340008
Interface cable Type D , for Amann Girrbach, 5 m	No. 29340009
Interface cable Type E , for Yenadent, 5 m	No. 29340010
Interface cable Type F , for Zirkonzahn, 5 m	No. 29340011
Interface cable Type F , for Zirkonzahn with C14 adapter, 5 m	No. 29340012
Interface cable Type G , for vhf, 6-pin, from K5	No. 29340013
External ventilation for SILENT TC/TC2/EC2/powerCAM EC	No. 29370002
Additional accessories	Pages 14–15

Scope of delivery SILENT powerCAM EC

SILENT powerCAM EC, Quick Start Guide, Quick Reference Card, 3 disposal bags (1 pc. inserted in the dust drawer), Suction hose 2 m incl. 2 end mufflers

Technical data

Permissible mains voltage / frequency	230–240 V, 50/60 Hz 220 V, 50/60 Hz 120 V, 50/60 Hz 100 V, 50/60 Hz
Nominal voltage	230 V 220 V 120 V 100 V
Suction turbine power	490 W (230 V) 460 W (220 V) 480 W (120 V) 480 W (100 V)
Volume flow (max.)	2500 l/min (1.47 ft ³ /s)
Max. depression	219 hPa (3.2 psi)
Filter quality	Class M according to EN 60335-2-69
CAM interface	RJ 45 socket
PLC:	2 x turbine ON/OFF /
Input signal / Output signal	2 x status information
Sound pressure level (LpA) at max. volume flow	55 dB (A)
Fill level dust collector	– 2.6 l (0.69 gal)
Weight (empty)	– 13.2 kg (29.1 lbs)
Dimensions (W x H x D)	245 x 440 x 500 mm (9.6 x 17.3 x 19.7")
Ø suction fittings interior	35 mm (1.38")
Ø suction fittings exterior	40 mm (1.57")

Ordering information

SILENT compactCAM , 230–240 V 50/60 Hz	No. 29342000
SILENT compactCAM , 220 V 50/60 Hz	No. 29342500
SILENT compactCAM , 120 V 50/60 Hz	No. 29343000
SILENT compactCAM , 100 V 50/60 Hz	No. 29343500
Interface cable Type A , for vhf, 5-pin, 5 m	No. 29340005
Interface cable Type B , for Roland DG, 5 m	No. 29340006
Interface cable Type C , for imes-icore, 5 m	No. 29340008
Interface cable Type D , for Amann Girrbach, 5 m	No. 29340009
Interface cable Type E , for Yenadent, 5 m	No. 29340010
Interface cable Type F , for Zirkonzahn, 5 m	No. 29340011
Interface cable Type F , for Zirkonzahn with C14 adapter, 5 m	No. 29340012
Interface cable Type G , for vhf, 6-pin, from K5	No. 29340013
Exhaust air adapter for SILENT compact/compactCAM	No. 29340004
Additional accessories	Pages 14–15

Scope of delivery SILENT compactCAM

SILENT compactCAM, Suction hose 2 m incl. 2 end bushings

“Until now, bi-directional communication was only available in large industrial machinery. The SILENT compactCAM enables this function to be used with smaller to medium sized CAM units.”

Christian Pilz,
Product Management

Advantages

- Bi-directional communication between extraction unit and CAM equipment thanks to the PLC interface.
- Low operating noise of max. 54.3 dB (A).
- Secure production process through low-maintenance EC motor technology (> 5 000 operating hours).

Details

- High volume flow of approx. 4 000 l/min.
- No follow-up costs due to bag-free dust collection.
- Safe disposal of fine milling dust with the help of a disposal bag.

Advantages

- Bi-directional communication between extraction unit and CAM equipment thanks to the PLC interface.
- Low operating noise of max. 55 dB (A).
- 3x longer service life in comparison to conventional collector motors (1 000 operating hours guaranteed).

Details

- No follow-up costs due to bag-free dust collection.
- Working without interruption due to an uncomplicated motor change within minutes.

Accessories

	Suction hose	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	3 m (incl. 2 end bushings)	No. 900034240
	Suction hose antistatic	Antistatic. For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	3 m (incl. 2 end bushings)	No. 900034826
	Suction hose	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	6 m	No. 901150823
	Suction hose	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	9 m	No. 902150823
	End bushing set	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	2 pieces	No. 29210003
	Silencer	Up to 50% reduction of the perceptible extraction noise, with constant suction power. Quick and easy installation on the suction hoses. For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	Piece	No. 29560000
	Universal hose connector adapter	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	Piece	No. 900034430
	Adapter for hose connection	Suitable for most common sized hoses. Accurately fitting connection without cutting to size. For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC, Vortex compact 3L.	Piece	No. 900034305

Accessories

	Extractor switch	For connecting 2 dust producing devices. Via selection switch individually adjustable to one or two extraction openings. Tool free and fast connection. Ø suction fittings, interior/exterior 35/40 mm (1.38/1.57"). Ø muffler interior/exterior 38/46 mm (1.50/1.81"). For SILENT TC / V4 / TS, Vortex compact 3L.	Extractor Switch incl. 4 mufflers (without hose)	No. 29260000
	90° angled connector	For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact / compactCAM / powerCAM EC.	Piece	No. 29340007
	Dust bag set	High intake capacity: 7.5 l filling volume. Resilient, fully synthetic material, tear-resistant and sealable. Class M dust bag (DIN EN 60335-2-69). For SILENT TS / TS2.	5 pieces	No. 29210002
	H+Hepa Filter	Even greater safety provided by a filtration efficiency of 99.995 %. Toolless, quick change of the filter. Each filter is delivered with an individual certificate (tested according to DIN EN/IEC 60335-2-69 A.3/AA.22.201.2 and EN 1822-5 Hepa Filters / MIL-STD 282 Type: C). For SILENT TS / TS2.	Set	No. 900034410
	Extractor clamp	Robust clamp made of beech wood. Secure fixture to work tables of 20–40 mm thickness. Variable and individual connection for extraction hose on the right or on the left (fitting 40 mm/1.57"). For SILENT TC2 / TC / V4 / TS2 / EC2 / TS / compact, Vortex compact 3L.	Without glass pane	No. 29250000
	Glass pane with attachment	For extractor switch.	Incl. attachment	No. 29251000
	Dustex master plus	The non-tip and non-slip Dustex master plus extractor box protects against splinters, dust and fumes. An ergonomically well-conceived form and height-adjustable arm rests enable free, comfortable working.	Dust box, fluorescent light with lamp cover, extraction port kit, armrests	No. 26260105 (220–240 V) No. 26261105 (100–120 V)
	Caster set	Helps easy, flexible placement of the unit. Casters are quickly and easily assembled. For SILENT TS / TS2.	4 pieces	No. 29210001



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.



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