



TECHNICAL DATA SHEET



Sonix[®] 954 CRD

★★★ CONFORMAL COATING
removing





TECHNICAL PARAMETERS

Dimensions (w x l x h)	2342 x 1132 x 1703 mm
Weight	740 kg
Ø energy consumption per 1 cycle	2,67 kWh
Compressed air consumption per 1 cycle	83 l / 5 Bar
Max. dimensions of the cleaned parts	900 x 470 x 300 mm
Dimensions of mechanical carrier basket	880 x 450 mm
Exchangeable mechanical filter of cleaning fluid	20 - 100 µm
Exchangeable mechanical filter of rinsing fluid	5 - 20 µm
Temperature range setting of the cleaning fluid	From ambient temperature to 60°C
Temperature range setting of the rinse fluid	From ambient temperature to 60°C
Conductivity range settings of the rinse fluid	0 – 200 µS/cm
Temperature range setting of the drying	From ambient temperature to 80°C
Noise level	< 70 dB
Device control	PLC + 8,4" touchscreen



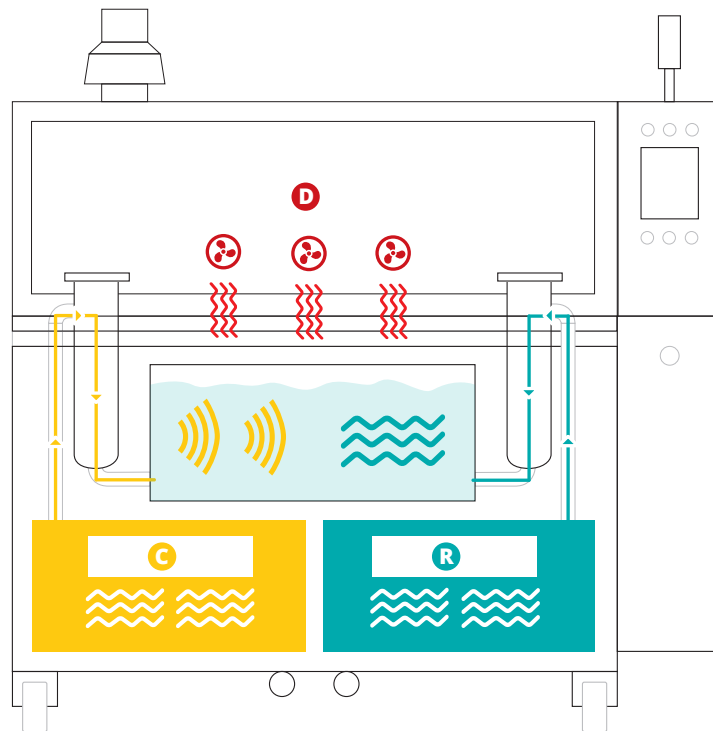
INSTALLATION REQUIREMENTS

Power supply	400 V, 50Hz (3+N+PE)
Power connection	EU 32 A
Pmax	12 kW
Connection to central air pressure	Pipe Ø 10 mm
Recommended working pressure	5 Bar
Exhaust pipe diameter	Ø 100 mm
Exhaust pipe capacity	570 m³/h
Volume of the storage tanks for cleaning	170 l
Volume of the storage tanks for rinsing	170 l
Service space required around the device	600 mm



INDIVIDUAL PROCESSES

- C** CLEANING
- R** RINSING
- D** DRYING



CLEANING PARAMETERS

Application name	Application recommended	Recommended temperature	Recommended time	Capacity per shift
Conformal coating	★★★	45°C	45 min.	384*/40**

★★★ highly recommended

* eurocards (100x160 mm) per 8 hours (work shift)

** parts in soldering palette (350 x 500 x 50 mm) per 8 hours (work shift)



STANDARD EQUIPMENT

1 process chamber, full automatic solution

PLC + 8,4" touchscreen

lockable travelling wheels

100% closed circuit

cleaning fluid heating

rinsing fluid heating

hot air drying

Emergency stop button

chimney flap with draft diverter

pneumatic door lock

3 powerful hot air blowers

electronic monitoring of the fluid pressure

high capacity stainless steel filter housing - DCT utility design

100% stainless steel design - 15 years warranty:

- *cleaning, rinsing and drying distribution*

- *process chamber*

- *storage tanks*

- *frame*

- *sheathing*

easy removable sheathing

designed for easy maintenance and servicing

Preparation for connecting external filtration

spare parts (Base kit)



OPTIONAL ACCESSORY - MANUFACTURING PART OF THE MACHINE

Fluid leakage tray - stainless steel

Status light

acoustic signalization

Barcode reader DCT

Barcode reader programming

Traceability offline (CD view SW)

traceability online OPC server

continued on next page

SW for CVA calculation (installed on android platform or cleaning device)

RR kit - complete machine preparation for pre-rinse

External tank for RR kit

common fluids draining - manual control

conductivity measurement - pre-rinse circuit

conductivity measurement - rinse circuit



OPTIONAL ACCESSORY - NOT MANUFACTURING PART OF THE MACHINE

Mechanical carrier basket

External pump for comfortable fluid refilling

External pump manipulation trolley – position for pump and 2 x 25 liter can

25L External filtration set 3 x 25 lit (1 x Active Carbon, 1 x mech. filter, 2 x Ionex, 1 x mech. filter)

60L External filtration set 3 x 60 lit (1 x Active Carbon, 1 x mech. filter, 2 x Ionex 1 x mech. filter)



OPTIONAL ACCESSORY - INDIVIDUAL ORDER

Mechanical carrier frame for basket

other customized modifications



Date of issue: **4 January 2016**
Sonix® is a registration trademark of DCT Czech s.r.o.

For next information about Sonix® 954 CRD can you contact DCT specialist in Your country or to manufacturer directly.
DCT Czech s.r.o., Tovární 85, 679 21 Černá Hora, Czech republic
e-mail: info@dct.cleaning