



TECHNICAL DATA SHEET



NEW UPGRADED

InJet[®] 888 CRD

- ★★★ FILTERS OF REFLOW OVENS,
SOLDERING FRAMES cleaning
- ★★ PCBs cleaning





TECHNICAL PARAMETERS

Dimensions (w x l x h)	1550 x 1500 x 1950 mm
Weight	650 kg
Ø energy consumption per 1 cycle	3,3 kWh
Cleaning fluid consumption per 1 cycle	0,2 – 0,5 l
Compressed air consumption per 1 cycle	2 l / 5 Bar
Max. dimensions of the cleaned parts	850 x 800 x 600 mm
Exchangeable mechanical filters of cleaning and rinsing fluid	5 - 300 µm <i>(optional type by cleaning application)</i>
Operating pressures	cleaning 2,0 Bar - 3,5 Bar rinsing 0,3 Bar - 1,0 Bar
Cleaning fluid flow rate	210 l/min
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 (PCBs), 0 – 2000 µS/cm (maintenance)
Temperature range setting of the drying	From ambient temperature to 80°C
Noise level	< 70 dB
Device control	PLC + 8,4" touchscreen



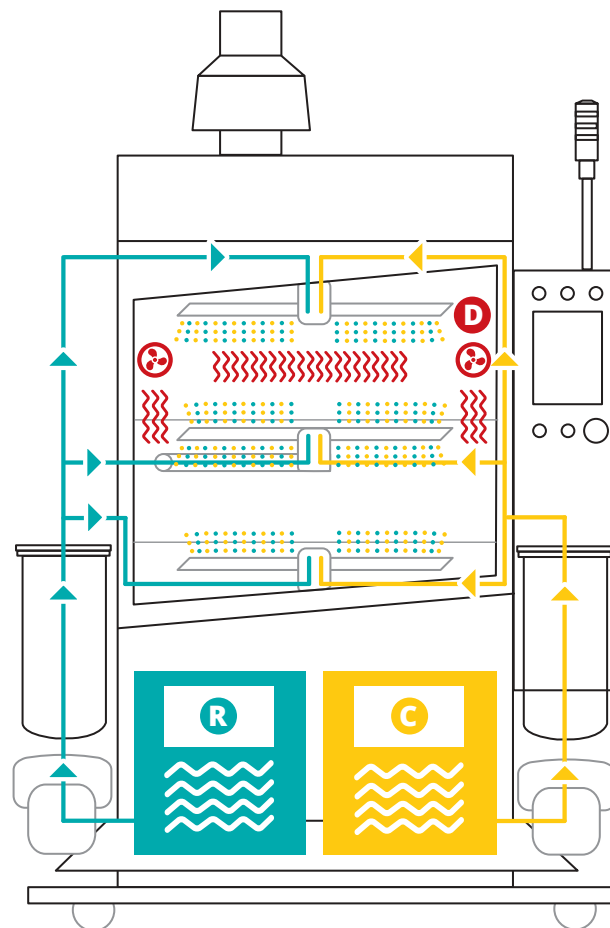
INSTALLATION REQUIREMENTS

Power supply	400 V, 50Hz (3+N+PE)
Power connection	EU 32 A
Pmax	14 kW
Connection to central air pressure	Pipe Ø 6 mm, Ø 10 mm
Recommended working pressure	5 Bar
Exhaust pipe diameter	Ø 150 mm
Exhaust pipe capacity	380 m³/h
Volume of the storage tanks for cleaning	75 l
Volume of the storage tanks for rinsing	75 l
Service space required around the device	600 mm



3 INDIVIDUAL PROCESSES

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



Central rotation arm is not part of the standard delivery.



CLEANING PARAMETERS

Application name	Recommended application	Recommended temperature	Recommended time	Capacity per shift
Filters of reflow ovens, soldering frames	★★★	30 – 50°C	40 min.	240**
PCBs	★★	35 – 55°C	60 min.	2128*

★★★ highly recommended

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

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



STANDARD EQUIPMENT

1 process chamber, full automatic solution

PLC + 8,4" touchscreen

2x controlled rotation arms (4 arm)

Lockable travelling wheels

100% closed circuit

Cleaning fluid heating

Rinsing fluid heating

Hot air drying

Emergency stop button

Chimney flap with draft diverter

Close and lock door system

2 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

Optimized stainless steel nozzles

Spare parts (Base kit)



OPTIONAL ACCESSORY - MANUFACTURING PART OF THE MACHINE

Central rotation arm

Fluid leakage tray - stainless steel

Status light

Acoustic signalization

Barcode reader DCT

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Barcode reader programming

Traceability offline (CD view SW)

Traceability online OPC server

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

RR kit - complete machine preparation for pre-rinse

Common fluids draining - manual control

Conductivity measurement - pre-rinse circuit

Conductivity measurement - rinse circuit



OPTIONAL ACCESSORY - NOT MANUFACTURING PART OF THE MACHINE

Wheeled mechanical carrier basket (for PCBs)

Chassis for carrier basket with protective grill

Spare comb holder

Manipulation trolley

Wheeled mechanical carrier frame according customer specification

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, 2 x Ionex, 1 x mech. filter) - SANDWICH filtration



OPTIONAL ACCESSORY - INDIVIDUAL ORDER

OPC server setting - IT specialist service

Automatic cleaning fluid refilling

Automatic rinsing fluid refilling

Automatic cleaning fluid discharging

Automatic rinsing fluid discharging

other customized modifications



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Injet® is a registration trademark of DCT Czech s.r.o.

For more information about Injet® 888 CRD you can contact DCT specialist in your country or the manufacturer directly.
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