



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)	1545 x 1313 x 1921 mm
Weight	630 kg
Ø energy consumption per 1 cycle	3,8 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	820 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



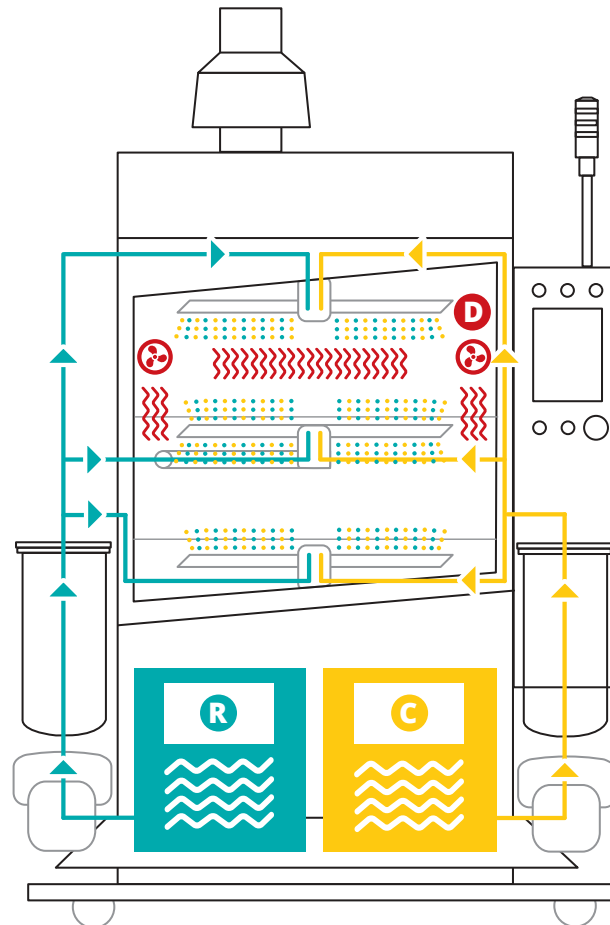
INSTALLATION REQUIREMENTS

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	570 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



INDIVIDUAL PROCESSES

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



Central rotation arm is not parts of the standard delivery.



CLEANING PARAMETERS

Application name	Application recommended	Recommended temperature	Recommended time	Capacity per shift
Filters of reflow ovens , soldering frames	★★★	30 – 50°C	40 min.	240**
PCBs	★★	35 – 55°C	55 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:
- <i>cleaning, rinsing and drying distribution</i>
- <i>process chamber</i>
- <i>storage tanks</i>
- <i>frame</i>
- <i>sheathing</i>
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

continued on next page

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
75 l tank for pre-rinsing - output into sewerage
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 next information about InJet® 888 CRD can you contact DCT specialist in Your country or to manufacturer directly.
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