



## TECHNICAL DATA SHEET



**NEW UPGRADED**

# InJet<sup>®</sup> 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



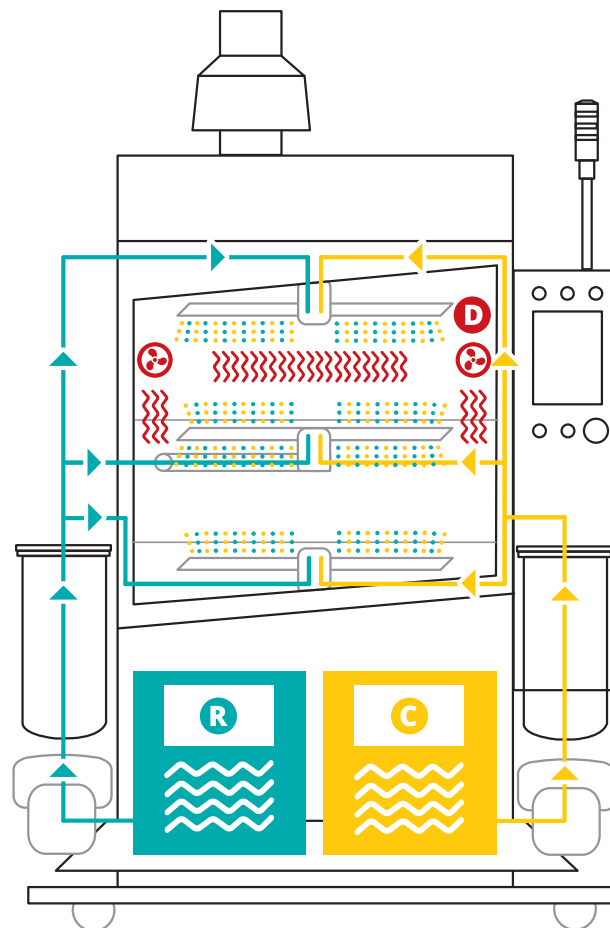
## INSTALLATION REQUIREMENTS

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

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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

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Central rotation arm

Fluid leakage tray - stainless steel

Status light

Acoustic signalization

Barcode reader DCT

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Barcode reader programming

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Traceability offline (CD view SW)

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Traceability online OPC server

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

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RR kit - complete machine preparation for pre-rinse

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Common fluids draining - manual control

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Conductivity measurement - pre-rinse circuit

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Conductivity measurement - rinse circuit

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## OPTIONAL ACCESSORY - NOT MANUFACTURING PART OF THE MACHINE

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Wheeled mechanical carrier basket (for PCBs)

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Chassis for carrier basket with protective grill

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Spare comb holder

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Manipulation trolley

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Wheeled mechanical carrier frame according customer specification

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External pump for comfortable fluid refilling

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

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

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## OPTIONAL ACCESSORY - INDIVIDUAL ORDER

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OPC server setting - IT specialist service

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Automatic cleaning fluid refilling

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Automatic rinsing fluid refilling

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Automatic cleaning fluid discharging

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Automatic rinsing fluid discharging

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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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