



AIR BUBBLE TECHNOLOGY



Cleaning application:	°C	°F	👍	🕒	🏠	👍	🕒	🏠	👍	🕒	🏠	👍	🕒	🏠
Stencils, misprints, squeegees	20 - 40	68 - 104	NA	-	-	NA	-	-	NA	-	-	NA	-	-
PCB	35 - 55	95 - 131	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Pumpprint	40 - 55	104 - 131	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Reflow and soldering parts	30 - 50	86 - 122	★★★	35 min.	192**	★★★	35 min.	288**	★★★	45 min.	144**	★★★	35 min.	192**
Conformal coating removing	40 - 55	104 - 131	NA	-	-	NA	-	-	★★★	45 min.	980*/144**	NA	-	-

Parameters:	3		3		1		3	
Processes	C R D		C R D		C R D		C R D	
Dimensions (weight x length x height)	1795 x 1080 x 1145 mm	70,7 x 42,5 x 45,1 in	1900 x 1550 x 1462 mm	74,8 x 61 x 57,6 in	2350 x 1140 x 2150 mm	92,5 x 44,9 x 84,6 in	2350 x 1140 x 2150 mm	92,5 x 44,9 x 84,6 in
Max. dimensions of the cleaned part	390 x 760 x 580 mm	15,35 x 29,92 x 22,83 in	400 x 1250 x 550 mm	15,7 x 49,2 x 21,7 in	869 x 447 x 320 mm	34,21 x 17,60 x 12,60 in	487 x 880 x 430 mm	18,82 x 34,65 x 16,93 in
Dimensions of carrier basket	700 x 380 mm	28 x 15 in	1200 x 420 mm	47 x 17 in	850 x 400 mm	33 x 16 in	851 x 451 mm	34 x 18 in
Weight	300 kg	661 lbs	480 kg	1058 lbs	630 kg	1389 lbs	720 kg	1587 lbs
Mechanical filtration	NA	NA	NA	NA	5 - 200 µm	5 - 200 µm	NA	NA
Reservoir tanks volume	2 x 100 L	2 x 26.4 gal	2 x 100 L	2 x 26.4 gal	2 x 200 L	2 x 52.8 gal	2 x 200 L	2 x 52.8 gal



MAP OF CLEANING SYSTEMS

www.dct.cleaning



ULTRASONIC TECHNOLOGY



Cleaning application:	°C	°F	👍	🕒	🏠	👍	🕒	🏠
Stencils, misprints, squeegees	20 - 40	68 - 104	NA	-	-	NA	-	-
PCB	35 - 55	95 - 131	★	35 min	1440*	★★	35 min	1261**
Pumpprint	40 - 55	104 - 131	NA	-	-	NA	-	-
Reflow and soldering parts	30 - 50	86 - 122	NA	-	-	NA	-	-
Conformal coating removing	40 - 55	104 - 131	★★	60 min	960*/80**	★★★	45 min	980*/144**

Parameters:	4		1	
Processes	C R D		C R D	
Dimensions (weight x length x height)	1740 x 1210 x 1220 mm	68,5 x 47,6 x 48 in	2350 x 1180 x 1710 mm	92,5 x 46,5 x 67,3 in
Max. dimensions of the cleaned parts	280 x 560 x 570 mm	11 x 22 x 22,4 in	850 x 447 x 320 mm	33,5 x 17,6 x 12,6 in
Dimensions of carrier basket	460 x 260 mm	18 x 10 in	850 x 400 mm	33 x 16 in
Weight	400 kg	882 lbs	680 kg	1499 lbs
Mechanical filtration	NA	NA	5 - 200 µm	5 - 200 µm
Reservoir tanks volume	3 x 100 L	3 x 26.4 gal	2 x 200 L	2 x 52.8 gal

LEGEND

- C** Cleaning
- R** Rinsing
- D** Drying
- 1F** 1-floor
- 2F** 2-floor
- 🕒 Recommended cleaning fluid temperature
- 👍 Recommended applications
- ★★★ Highly recommended
- ★★ Recommended
- ★ Applicable
- NA Non-applicable
- 🕒 Total cleaning process time
- 🏠 Cleaning capacity
- * PCB eurocards / per 8 hours (100 x 160 mm / 3.94 x 6.3 in)
- ** Parts in soldering palette / per 8 hours (320 x 500 x 50 mm / 12.6 x 19.7 x 1.97 in)
- *** Stencils, pumpprints larger than 29" x 29" / per 8 hours
- FC Frequency convertor
- i** All detailed information can be found in the technical data sheets, on the web or directly from your local distributors



SPRAY IN AIR TECHNOLOGY

CLEANING APPLICATIONS:

- PCBS
- STENCILS, MISPRINTS, SQUEEGEES
- PUMPRINTS
- SOLDERING FRAMES
- MAINTENANCE CLEANING



AIR BUBBLE TECHNOLOGY

CLEANING APPLICATIONS:

- PCBS
- SOLDERING FRAMES
- MAINTENANCE CLEANING



ULTRASONIC TECHNOLOGY

CLEANING APPLICATIONS:

- PCBS
- COATING FRAMES





SPRAY IN AIR TECHNOLOGY

VERTICAL SYSTEMS

	InJet® 388 CD	InJet® 388 CRD	InJet® 388 CRRD Combo	InJet® 388 TWIN CRD Sausage dog	InJet® 388 TWIN CRRD Sausage dog	InJet® 388 TRIPLE CRRD	InJet® 388 DOUBLE TRIPLE CRRD	InJet® 3179 CRD Big board																		
Cleaning application:	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊	👍	🕒	📊		
Stencils, misprints, squeegees	20 - 40	68 - 104	★★★	15 min	32	★★★	18 min	27	★★★	18 min	27	★★★	18 min	48	★★★	18 min	48	★★★	20 min	48	★★★	20 min	96	★★★	18 min	54 / 27***
PCB	35 - 55	95 - 131	NA	-	-	★★	30 min	384*	★★★	30 min	384*	★★	30 min	768*	★★★	30 min	768*	★★★	32 min	768*	★★★	32 min	1536*	★★	30 min	768*
Pumpprint	40 - 55	104 - 131	★★	15 min	32	★★★	18 min	27	★★★	18 min	27	★★★	18 min	48	★★★	20 min	48	★★★	20 min	48	★★★	20 min	96	★★★	18 min	54 / 27***
Reflow and soldering parts	30 - 50	86 - 122	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-
Conformal coating removing	40 - 55	104 - 131	NA	-	-	★★★	60 min.	192*/16**	★★★	60 min.	192*/16**	NA	-	-	NA	-	-	NA	-	-	NA	-	-	NA	-	-

Parameters:

Number of process chambers	1		1		1		3		3		3		3		1	
Processes	C D		C R D		C R R D		C R D		C R R D		C R R D		C R R D		C R D	
Dimensions (weight x length x height)	1050 x 1360 x 1840 mm	41.3 x 53.5 x 72.4 in	1120 x 1360 x 2100 mm	44.1 x 53.5 x 82.7	1400 x 1492 x 2100 mm	55 x 58.7 x 82.7 in	1200 x 2500 x 1830 mm	47.2 x 98.4 x 72 in	1200 x 2500 x 1830 mm	47.2x98.4x72 in	1205 x 3200 x 1860 mm	47.4 x 126 x 73.2 in	1710 x 3200 x 1930 mm	67.3 x 126 x 76 in	1170 x 2160 x 2015 mm	46.1 x 85 x 79.3 in
Max. dimensions of the cleaned parts	190 x 800 x 760 mm	7.48 x 31.5 x 29.92 in	190 x 860 x 790 mm	7.48 x 33.9 x 31.1	190 x 860 x 760 mm	7.48 x 33.86 x 29.92 in	100 x 810 x 740 mm	3.94 x 31.89 x 29.13 in	100 x 810 x 740 mm	3.94x31.8x29.13 in	100 x 810 x 740 mm	3.94 x 31.8 x 29.13 in	100 x 810 x 740 mm	3.94 x 31.8 x 29.13 in	100 x 1700 x 900 mm	3.94 x 66.93 x 35.43 in
Weight	420 kg	926 lbs	420 kg	926 lbs	560 kg	1235 lbs	750 kg	1653 lbs	800 kg	1764 lbs	890 kg	1962 lbs	1300 kg	2866	900 kg	1984 lbs
Mechanical filtration	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm
Cleaning fluid flow rate	200 L/min	53 gal/min	200 L/min	53 gal/min	200 L/min	53 gal/min	200 L/min	53 gal/min	200 L/min	53 gal/min	200 L/min	53 gal/min	200 L/min	53 gal/min	400 L/min	106 gal/min
Spraying pressure - cleaning - without FC	2,4 bar	34.8 PSI	2,4 bar	34.8 PSI	2,2 bar	31.9 PSI	2,1 bar	30.45 PSI	2,1 bar	30.45 PSI	2,4 bar	34.8 PSI	1,9 bar	27.55 PSI	2,2 bar	31.9 PSI
Spraying pressure - cleaning - with FC	1,3 - 2,7 bar	18.9 - 39.2 PSI	1,3 - 2,7 bar	18.9 - 39.2 PSI	1,2 - 2,5 bar	17.4 - 36.25 PSI	1,6 - 2,8 bar	23.2 - 40.6 PSI	1,6 - 2,8 bar	23.2 - 40.6 PSI	1,6 - 3,0 bar	23.2 - 43.5 PSI	1,5 - 2,2 bar	21.75 - 31.9 PSI	1,6 - 3,1 bar	23.2 - 44.95 PSI
Cleaning fluid consumption per cycle	0,05 - 0,2 L	1.28 - 6.4 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces
Reservoir tanks volume	1x75 L	1 x 19.8 gal	2 x 50 L	2 x 13.2 gal	3 x 50 L	3 x 13.2 gal	2 x 75 L	2 x 19.8 gal	3 x 75 L	3 x 19.8 gal	3 x 75 L	3 x 19.8 gal	3 x 150 L	3 x 39.6 gal	2 x 95 L	2 x 25.1 gal



SPRAY IN AIR TECHNOLOGY

HORIZONTAL SYSTEMS

	InJet® 888 CRD 1F - 2F	InJet® 888 CRRD 1F - 2F						
Cleaning application:	👍	🕒	📊	👍	🕒	📊		
Stencils, misprints, squeegees	20 - 40	68 - 104	★	20 min	24	★	20 min	24
PCB	35 - 55	95 - 131	★★	60 min	2128*	★★★	55 min	2320*
Pumpprint	40 - 55	104 - 131	NA	-	-	NA	-	-
Reflow and soldering parts	30 - 50	86 - 122	★★★	40 min.	240**	★★★	40 min.	240*
Conformal coating removing	40 - 55	104 - 131	NA	-	-	NA	-	-

Parameters:

Number of process chambers	1		1	
Processes	C R D		C R R D	
Dimensions (weight x length x height)	1620 x 1350 x 1925 mm	63.8 x 53.1 x 75.8 in	1620 x 1350 x 1925 mm	63.8 x 53.1 x 75.8 in
Max. dimensions of the cleaned parts	850 x 800 x 600 mm	33.46 x 31.50 x 23.62 in	850 x 800 x 600 mm	33.46 x 31.50 x 23.62 in
Weight	750 kg	1653 lbs	750 kg	1653 lbs
Mechanical filtration	5 - 200 µm	5 - 200 µm	5 - 200 µm	5 - 200 µm
Cleaning fluid flow rate	210 L/min	55.5 gal/min	210 L/min	55.5 gal/min
Spraying pressure - cleaning - without FC	1,8 bar	26.1 PSI	1,8 bar	26.1 PSI
Spraying pressure - cleaning - with FC	1,1 - 2,2 bar	15.95 - 31.9 PSI	1,1 - 2,2 bar	15.95 - 31.9 PSI
Cleaning fluid consumption per cycle	0,05 - 0,3 L	1.28 - 10.24 ounces	0,05 - 0,3 L	1.28 - 10.24 ounces
Reservoir tanks volume	2 x 75 L	2 x 19.8 gal	2 x 75 L	2 x 19.8 gal

WHY CHOOSE DCT?

100% COMPLETE CLEANING SOLUTION



REFERENCES



LEGEND

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