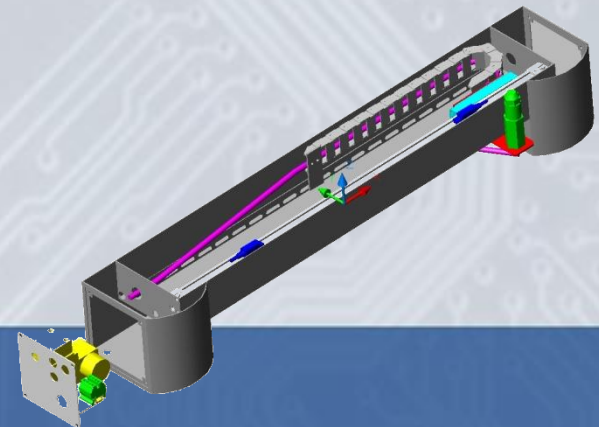


InterSpray

New Developments

Retrofit

ICSF *Curve*



1. Control Panel Dimensions :

- L(300) x W(200) x H(355)mm

2. Utilities Requirements :

- Electrical : 110~240V, 1 Ph, 50/60 Hz
- Air Consumption : 100 ~ 120l/min, 5~6 bar

3. Flux Supply :

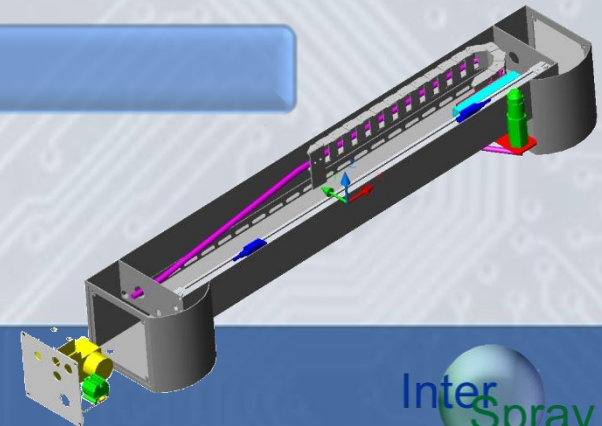
- PLC controlled pump to set the Flux Quantity (digital)
- Stepper motor controlled
- Standard low level control
- Flow Rate : 0 to 3 liter/hour

4. Spraying Operation :

- IF Cone Spray Nozzle, Venturi type Nozzle.

5. Spraying Width :

- 60 mm (diameter)



6. Nozzle Movement :

- Speed Adjustable in both directions

7. Material :

- RVS 304/316 (Stainless Steel)

8. Encoder:

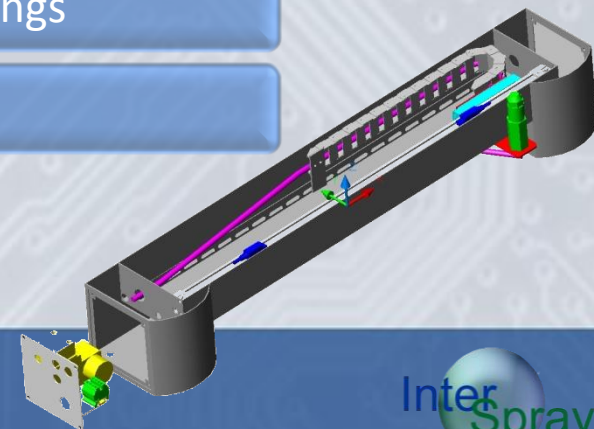
- Improved link to conveyor

9. Alarms :

- Low Flux Level in the Flux Drum (buzzer)
- Startup of System with buzzer
- Warning message when conveyor stopped

10. Incoming PCB Sensor with digital sensor settings

11. LCD Display for system settings



12. Spray Fluxer Module Dimensions :

ICSF-Curve-b3 :

- L(550) x W(130) x H(105)mm
- Nozzle Movement Width : 300mm

ICSF-Curve-b4 :

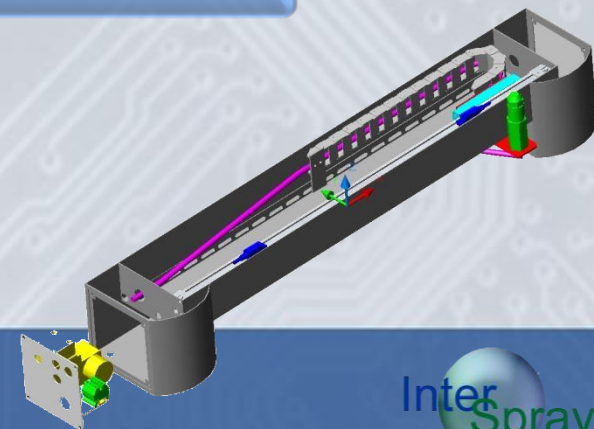
- L(650) x W(130) x H(105)mm
- Nozzle Movement Width : 400mm

ICSF-Curve-b5 (Twin Nozzle) :

- L(750) x W(130) x H(105)mm
- Nozzle Movement Width : 500mm

ICSF-Curve-b6 (Twin Nozzle) :

- L(850) x W(130) x H(105)mm
- Nozzle Movement Width : 600mm





Control Module



Spray Module



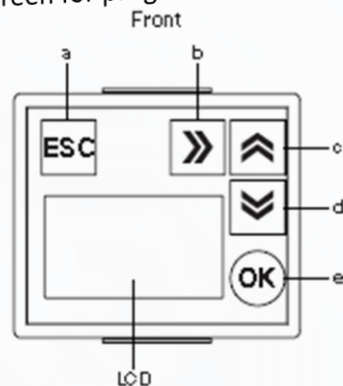
Flux Supply Module

Features :

- Can be retrofitted inside all wave soldering machines.
- Can be retrofitted inside existing stand alone spray fluxers to reduce maintenance costs.
- More the 10 years experience in retrofitting Spray Fluxers.
- Easy Flux Quantity Control (digital).
- Flux Supply with filter direct from the drum.
- Ventury Nozzle design reduces the risk on clogging the Nozzle.
- More then 10 years experience with a Venture Nozzle.
- One Nozzle for all types of Fluxes.
- Reliable pneumatic glider with speed control in both directions.
- Low level alarm for the flux drum.
- Easy machine setup.
- Spray Fluxer designed to reduce residue built-up.
- Monitoring of Wave soldering machine conveyor.
- Safety feature while starting up the system.
- Plug and Play of wires and tubing for easy maintenance.
- Use of high quality components.

Features :

- LCD screen for programming.



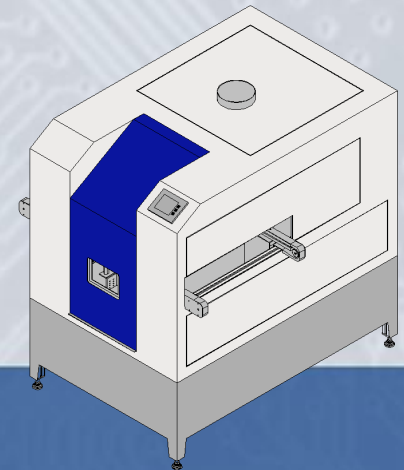
- Example Flux Quantity Setting :

-	S	E	T	T	I	N	G	S	2	-
S	P	R	A	Y	F	L	O	W		
m	l	/	m	i		&	0	0	0	0

- This screen shows the set point for the flux flow in **ml/min**. This value can be changed to within **10-50 ml/min**.
- Manual Spraying and Nozzle movement for Maintenance.

Stand Alone

ICSF *Solus*



1. Machine Dimensions :

- L(1000) x W(1200) x H(1200)mm

2. Utilities Requirements :

- Electrical : 110~240V, 1 Ph, 50/60 Hz
- Air Consumption : 100 ~ 120l/min, 5~6 bar

3. Flux Supply :

- PLC controlled pump to set the Flux Quantity (digital)
- Stepper motor controlled
- Standard low level control
- Flow Rate : 0 to 3 liter/hour
- PLC controlled Spray Pressure (digital)

4. Spraying Operation :

- IF Cone Spray Nozzle, Venturi type Nozzle.

5. Spraying Width :

- 60 mm (diameter)

6. Nozzle Movement :

- Speed Adjustable in both directions
- Stepper motor controlled
- digitally controlled with touch screen

7. Material :

- RVS 304/316 (Stainless Steel)internal

8. Conveyor:

- Stainless Steel chain conveyor
- Stepper motor controlled Conveyor Speed
- Stepper motor controlled PCB Width adjustment
- Optional Link capabilities to the Wave soldering machine conveyor to synchronise both systems.

9. Alarms :

- Low Flux Level in the Flux Drum (buzzer)
- Startup of System with buzzer
- Warning message when conveyor stopped
- Warning when flux supply is faulty (sensing flux supply)
- Warning for inadequate Exhaust flow

10. Incoming PCB Sensor with digital sensor settings

11. Touch Screen Display for system settings

12. Emergency stop

13. Exhaust sensor and filter and optional exhaust fan.

