

CO2 CURING BUFFER

PN: FIFO-CO2

CUSTOMER SATISFACTION.....“Whatever it takes”

STANDARD FEATURES:

- Vertical FIFO/LIFO/Pass-Through
- CO2 Enriched Chamber with Individual Slots for each PCB
- Most Common Application: CO2 Catalyst Curing
- CO2 Monitoring (Valasla Controls)
- Humidity Controls (Maintain Constant minimal Humidity Level)
- Ultrasonic Humidifier with tank with level control for DI water
- When Humidity goes low, pump mist from top of water tank
- 6” Exhaust port (Manual Damper)
- Dywer Exhaust meter (Measures Air Flow)
- Each Chamber Position includes a mechanical motion edge belt system to load and unload PCB's for a smooth transition in and out of Buffer
- Board Edge Clearance = .118”
- Totally enclosed with Protective Doors and Covers for Safety
- Hand Crank Width Adjust = 2.0” – 16.0”
- ½” Steel Base
- PLC Controls with SMEMA Cables
- Servo Z Axis

OPTIONS:

- 18.0” x 20.0” PCB Capability
- Light Tower for machine status



SPECIFICATIONS:

- PCB Size: Min. 2” X 4”
..... Max.16” X 18”
- PCB Height:..... 37.5” +/- 2”
- Air Requirements:..... .1 cfm @ 25 PSI
- Power Requirements:.... 15 amps @ 110VAC
- Capacity:..... 21 PCB's on 1.125” Pitch
- Cycle Time:**
- Transfer PCB:..... 10 Seconds
- Cure Time:..... (CO2 Content)
- Dwell Time:..... (Process Requirements)
- Average Process:..... 30-45 Seconds

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