



TECHNICAL DEVICES COMPANY

Nu/Era CV 400
Wave Soldering Machine

NU/ERA[®] CV 400 with Finger Conveyor *Technical Specifications & Pricing*



400 mm (15.6") Process Width
Wave Soldering Machine
(actual machine may differ from picture above)

STANDARD FEATURES in order of **MODULE CONFIGURATION**

FLUXER MODULE

- Reciprocating Spray Fluxer
- Constant Pressure and Flow
- Easy maintenance



*Consistent Pressure and
flow.
Rapid flux changeover.*



PREHEATER MODULE

- 23.6" Long Preheater Modules with Forced Air Convection
- Topside Tunnel for Uniform Temperature
- 3.5 KW Preheat Power



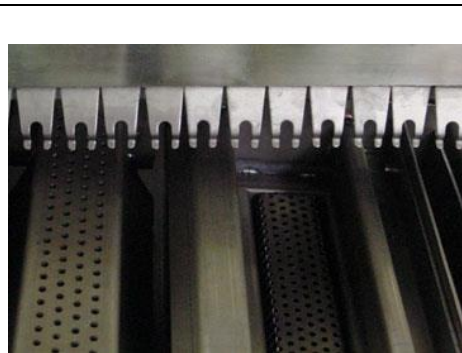
*Easy access
Preheater*

SOLDER MODULE

- Lead-Free Solder Pot
- Titanium "**Dancer**" and Laminar Wave Nozzles
- P.I.D. Temperature Control
- Low Dross Formation
- 440 lb. Solder Capacity
- Motorized Rollout Solder Pot

CONVEYOR MODULE

- 400mm (15.6") Process Width
- Adjustable Width Inline Finger Conveyor
- Variable Speed 0-72 " Per Minute
- Standard "V" Shaped Titanium Fingers
- Adjustable Conveyor Angle
- Cooling Fan after the Wave



Finger Conveyor



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*Cooling Fan
(Standard)*

CABINET and STRUCTURE

- Rear Access Service Doors
- Integral Hood Exhaust Ducting
- Machine built to Rigid Technical Devices Company Specifications
- Light Tower

SYSTEM CONTROL

- PID Loop Control System
- 7 Day Skip Timer

UTILITIES:

Dimensions: 118" L x 46" W x 46" H

Plant Power: 240 VAC, 1-Phase, 60Hz, 16KW (~ 67 FLA)

Plant Compressed Air: .5 MPa.

Exhaust Requirement: 300 CFM, 1" Static Pressure (each stack)



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Technical Devices Company *NU/ERA CV 400 Wave Soldering Machine Pricing*

SYSTEM BASE PRICE – NU/ERA CV 400 <i>(Includes the following Standard Features)</i>
• Solder Pot and Pumps Lead-free Compatible
• "Dancer" and Laminar Solder Waves
• Motorized Rollout Solder Pot
• Finger Conveyor with 15.6" Process Width
• Reciprocating Spray Fluxer
• 7 Day Skip Timer
• Post Fluxer Airknife
• 23.6" Long Bottom Preheat Module with Forced Air Convection
• PID Temperature Control
• Topside Preheater Tunnel
• Post-wave cooling fans
• Light Tower
• 240 Volt, 1Phz, 60Hz, 11KW Electrical
• Installation & Training (within North America)

ADDITIONAL OPTIONS:

• Shipping Crate
• Stand Alone Transfer Conveyor <i>(see below)</i>
• 2nd solder pot with carts for exchange (Sn63 and lead-free)



*Stand Alone
Transfer Conveyor*