



TECHNICAL DEVICES COMPANY

Nu/Era CV 400  
Wave Soldering Machine

**NU/ERA<sup>®</sup> 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**

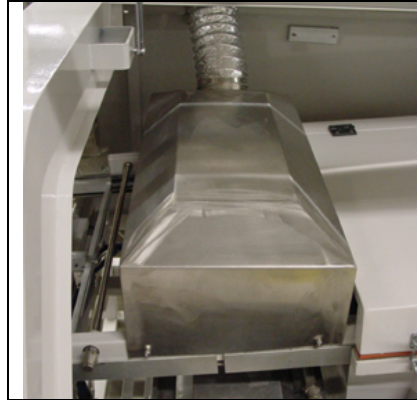
**FLUXER MODULE**

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



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*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



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*Finger Conveyor*



*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, 11KW

Plant Compressed Air: .5 MPa.

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



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## TERMS & CONDITIONS

### WARRANTY:

Technical Devices Company warrants all component parts or subsystems for a period of **one year** from date of purchase against all defects in material and workmanship and will replace or repair any part found to be defective during the warranty period.

### START-UP and TRAINING:

1-2 days of training are provided by a factory-trained technician for a total cost of \$1950.00. This price includes standard travel and expenses.

**Please note:** An advance notice of 2 weeks is required by the Technical Devices' Service Department for installations. Any shorter notice may require the customer to pay for additional airfare costs.

### SERVICE:

Normal service is provided from our factory in Torrance, CA.

### PRICING:

Our prices are firm for 30 days, F.O.B. factory, Torrance, California.

### SHIPMENT:

Shipment can be accomplished within **6-8 weeks** after receipt of purchase order and down payment. Padded, air-ride van is required. Shipments are freight collect.

### TERMS:

40% down payment with the purchase order, 40% Prior to shipment, balance net 30 days after shipment upon approval of credit.

### Transportation:

FOB Plant (Torrance, CA); shipped air-ride van, collect.

Machine specifications subject to change without notice.