

# Models 24 AS/1/4, 24 ASL/1/4 & 24 AS/1/8 Multi-Zone Heat Sealers Factory Refurbished



Model 24AS/1/4 Four-Zone Heat Seal Tester with Pneumatic Hot Bar Clamp and Footswitch Activated Testing

## Full-Featured Laboratory Heat Sealers for Film and Sheet

Oakland Instrument offers the Models 24AS/1/4, 24ASL/1/4 and 34AS/1/8, simple to use stand-alone instruments for measuring heat sealing properties of film, sheet, and laminated materials.

## **Improved Film and Sheet Quality, Increased Profit Margins**

Models 24 AS/1/4 and 24 ASL/1/4 and 24 AS/1/8 Heat Seal Testers are proven tools for more closely controlling nominal heat sealing characteristics to speed your:

- Production and additives settings and adjustments
- Research and development of new film and sheet products
- Inspection of incoming film and sheet products
- In-process checks to ensure on-spec product for converting operations

## **The Oakland Advantage**

### **Conforms to ASTM Standard**

Conforms to ASTM F88/F88M-15 Seal Strength of Flexible Barrier Materials and ASTM F2029-16 Making Laboratory Heat Seals for Determination of Heat Sealability of Flexible Barrier Materials as Measured by Seal Strength.

### **Advanced Technical Features in Each Model**

#### Easy, Manual or Footswitch-assisted Operation

Two versions of operation available: Operate as a manual system or with footswitch-assist for hot bar sample clamping.

#### Flexible Operation for Heat Seal Testing

The 24AS/1 is a constant-heat style **4 Zone** bar sealer with fully adjustable heating timer, adjustable seal-bar pressure and adjustable **individual temperature for the upper sealing bar**.

The 24ASL/1 is a constant-heat style **4 Zone** bar sealer with fully adjustable heating timer, adjustable seal-bar pressure and adjustable, **individual temperature for the upper and lower sealing bars**.

The 24AS/1/8 is a constant-heat style **8 Zone** bar sealer with fully adjustable heating timer, adjustable seal-bar pressure and adjustable **individual temperature for the upper sealing bar**.

#### Affordable

Best of all, the Models 24AS/1 and 24ASL/1 are economically priced.

#### Extended Warranty Included

Factory Refurbished by Oakland Instrument Corporation with a **2-Year Warranty and Certified Calibration**.

### **Oakland Instrument Corp.**

Oakland Instrument Corp. specializes in the design, manufacture and distribution of test, measurement and control systems for the plastics, flexible packaging, and paper industries.

### **Customer-Driven**

We team with our customers to help them solve their quality and process-control problems.

### **Technology-Based**

Our applications knowledge and engineering depth allow us to offer both standard and custom systems based on industry leading technology.

<b>Specifications</b>	<b><u>Model 24AS/1/4</u></b>	<b><u>Model 24ASL/1/4</u></b>	<b><u>Model 24AS/1/8</u></b>
Type:	Upper Constant Heat Sealing Bars	Upper & Lower Constant Heat Sealing Bars	Upper Constant Heat Sealing Bars
Number of Zones:	Four (4) – Zone Design	Four (4) – Zone Design	Eight (8) – Zone Design
Standard Seal Area:	75 x 25.4 mm (3 x 1in.) X 4 Zones	75 x 25.4 mm (3 x 1 in.) X 8 Zones	73 x 25.4 mm (2.875 x 1 in.) X 8 Zones
Sealing Bars:	Upper Heating Bars with Independent Digital Temperature Controllers (4)	Upper & Lower Heating Bars with Independent Digital Temperature Controllers (8)	Upper Heating Bars with Independent Digital Temperature Controllers (8)
Sealing Temp. Range:	82 to 204°C(180 to 400°F)	82 to 204°C(180 to 400°F)	82 to 204°C(180 to 400°F)
Max. Temp. Diff. Adj. Zones:	28°C (50°F)	28°C (50°F)	28°C (50°F)
Digital Temperature Control: Thermocouples	Surface Mounted 4	Surface Mounted 8	Surface Mounted 8
Sealing Dwell Timer	Digital Timer	Digital Timer	Digital Timer
Sealing Pressure Control:	Digital Panel Meter	Digital Panel Meter	Digital Panel Meter
Dry Filtered Air Pressure:	4.1 bars (60 psig)	4.1 bars (60 psig)	4.1 bars (60 psig)
Response / Cycle Time: (Change of 28°C (50°F)/Zone)	20 minutes	20 minutes	20 minutes
Actuation:	Dual Action Cylinder Pneumatic Upper Sealing Bar	Dual Action Cylinder Pneumatic Upper Sealing Bar	Dual Action Cylinder Pneumatic Upper Sealing Bar
Test Activation:	Electronic Timer or Footswitch	Electronic Timer or Footswitch	Electronic Timer or Footswitch
Footswitch:	Included	Included	Included
Full Load Current:	8 Amp	8 Amp	8 Amp
Interrupting Capacity:	10 Amp	10 Amp	10 Amp
Dimensions			
Instrument (W x D x H):	39 x 50 x 57 cm 24 x 13.5 x 22.5 in.	39 x 50 x 57 cm 24 x 13.5 x 22.5 in.	39 x 50 x 57 cm 24 x 13.5 x 22.5 in.
Base Plate (W x D)	72 x 41 cm 28.5 x 16 in.	72 x 41 cm 28.5 x 16 in.	72 x 41 cm 28.5 x 16 in.
Weight:	43 kg (95 lbs)	43 kg (95 lbs)	43 kg (95 lbs)
Power Requirements:	110 Volts, 60 Hz, 230 VAC, 50 Hz. Consult factory for options		

(Due to continuous product improvement, all specifications are subject to change without notice.)

### Ordering Information



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