

# ZA-1227 POST EMULSIFIED HYDROPHILIC FLUORESCENT PENETRANT INSPECTION SYSTEM



*Shown with optional lid for penetrant tank and developer upgrade kit.*

## GENERAL DESCRIPTION

The Zyglo® ZA-1227 Post Emulsified Hydrophilic Penetrant Inspection System is a compact, standalone 7-station system designed for batch and low volume fluorescent inspection of small to medium size parts.

## STATIONS

1. Penetrant
2. Pre-Rinse
3. Remover
4. Final Rinse
5. Dryer
6. Developer
7. Inspection

## FEATURES

- Overall Length: 83" (210.8cm)
- Overall Width: 28" (71.1cm)
- Working Height: 36" (91.4cm)
- Unit Weight Approximately 650 lbs. (295kg)
- Tank size: 12.9"L x 27.6"W x 16"D (32.8cm x 70.1cm x 40.6cm)
- Ten (10) gallon penetrant tank capacity
- Stainless steel penetrant tank

- Stainless steel pre-rinse tank with hand hose and spray nozzle
- Stainless steel air agitated remover tank
- Stainless steel final rinse tank with hand hose and spray nozzle
- Thermostat controlled dryer
- Stainless steel developer tank
- Inspection bench/booth with ZB-100F hand held, fan cooled, 100 watt black light
- Electrical Requirement: 115 volts, 60 hertz, single phase facility power

**NOTE: Water pressure and temperature gauges not included**

## **OPTIONAL FEATURES**

### **Stand Alone Inspection Booth (Part Number 608363)**

- Outside dimensions: 36”L x 60”W (includes 24” from unit to curtain) x 83”H
- Inside dimensions: 36”L x 36”W x 36”D
- Structural steel framework
- Epoxy external finish
- Black melamine work surface
- Full length (4” above floor), flame resistant curtains
- Roof mounted combination of ventilation fan and white light
- Duplex GFI receptacle mounted at the rear of the table
- ZB-100F hand held, fan cooled, 100 watt black light
- Roof mounted black light receptacle, controlled by panel switch
- Control panel with switches for black light, white light, and ventilation fan

### **Aluminum Drop-On Lid for a Tank (Part Number 609178RE)**

### **Swirl Cloud Developer Upgrade Kit (Part Number 522152)**

- Hinged tank cover with view port
- Air manifold
- Air regulator and gage
- Foot pedal air valve
- In-take mounted pre-filter
- Vac-type collector

or

### **Dynamic Cloud Developer Upgrade Kit (Part Number 522143)**

- Hinged tank cover with view port
- Modified pressure pot
- Air regulator and gage
- Foot pedal air valve
- In-take mounted pre-filter
- Vac-type collector