

# ZA-1633 POST EMULSIFIED LIPHOPHILIC FLUORESCENT PENETRANT INSPECTION SYSTEM



*ZA-1633 Hydrophilic System shown with optional lid for penetrant tank and developer upgrade kit. Stand-Alone Inspection Booth Not Shown.*

## GENERAL DESCRIPTION

The Zyglo® ZA-1633 Post Emulsified Lipophilic Penetrant Inspection System is a standalone 8-station system designed for batch and low volume fluorescent inspection of small to medium size parts. The system comes with a standalone inspection booth with black light, white light, ventilating fan, and digitally calibrated dryer control.

## STATIONS

1. Penetrant
2. Drain #1
3. Emulsifier
4. Rinse
5. Drain #2
6. Dryer
7. Developer
8. Inspection

## FEATURES

- Overall Length: 165" (419.1cm)
- Overall Width: 34" (86.4cm)
- Working Height: 36" (91.4cm)
- Unit Weight Approximately 1,210 lbs. (548.8kg)

- Twenty-seven (27) gallon penetrant tank capacity
- Stainless steel penetrant tank with inside dimensions of 15.8”L x 33”W x 14.8”D (40.1cm x 83.8cm x 37.6cm)
- Stainless steel drain area with drain rack, working dimensions of 31.8”L x 33”W
- Stainless steel emulsifier tank with inside dimensions of 15.8”L x 33”W x 14.8”D
- Stainless steel drain area with drain rack, working dimensions of 18”L x 33”W
- Stainless steel rinse tank, hand hose and spray nozzle, inside dimensions of 22”L x 13”W x 15.5”D
- Thermostat controlled dryer, inside dimensions of 30”L x 15.5”W x 29”D
- Stainless steel developer tank with inside dimensions of 15.8”L x 33”W x 14.8”D
- Stand Alone Inspection Booth with EV6000 hand held LED black light, ventilation fan, white light, operator switch panel, full length, flame resistant curtains
- Electrical Requirement: 230V or 460V, 60 Hz, single phase facility power

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

## **OPTIONAL FEATURES**

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

#### **Automatic rotary wash for rinse station (Part Number 522159)**

- Settable Timer
- Uses 12” baskets only that are provided with system
- Manual touch up rinse spray gun provided for after cycle is complete

#### **Swirl Cloud Developer Upgrade Kit (Part Number 522072)**

- 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 522084)**

- 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