

ZA-1633 Water Wash Fluorescent Penetrant Inspection System- Method A

Penetrant Inspection System

The ZA-1633 Water Wash Penetrant Inspection System is a standalone 6-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

Faster part processing

- | | |
|--------------|---------------|
| 1. Penetrant | 4. Dryer |
| 2. Drain | 5. Developer |
| 3. Rinse | 6. Inspection |

FEATURES

- Overall Length: 132" (335.3cm)
- Overall Width: 34" (86.4cm)
- Working Height: 36" (91.4cm)
- Unit Weight Approximately 1,150 lbs. (522kg)
- 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 rinse tank with 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 14.3"D
- Stand Alone Inspection Booth with



EV6000 hand held LED black light, white light, operator switch panel, full length, flame resistant curtains

- Electrical Requirement: 230V or 460V, 60Hz, 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)

- Settable Timer
- Manual touch up rinse spray gun provided for after cycle is complete

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

DISTRIBUÉ PAR / DISTRIBUTED BY:



QUEBEC
164, St-Jean-Baptiste
Mercier, QC J6R 2C2
T: (450) 691-9090

ONTARIO
275 Sheldon Drive, Unit 3
Cambridge, ON N1T 1A3
T: (519) 894-9069

www.qnde.ca

ZA-1633 Post Emulsified Lipophilic Fluorescent Penetrant Inspection System- Method B

Post Emulsified Lipophilic Penetrant Inspection System

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

Faster part processing

- | | |
|---------------|---------------|
| 1. Penetrant | 5. Drain #2 |
| 2. Drain #1 | 6. Dryer |
| 3. Emulsifier | 7. Developer |
| 4. Rinse | 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



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

- 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)

- Settable Timer
- Manual touch up rinse spray gun provided for after cycle is complete

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

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ZA-1633 Post Emulsified Hydrophilic Fluorescent Penetrant Inspection System- Method D

Post Emulsified Hydrophilic Penetrant Inspection System

The ZA-1633 Post Emulsified Hydrophilic Penetrant Inspection System is a standalone 9-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.



Shown with optional lid for penetrant tank and developer upgrade kit. Stand-alone inspection booth not shown.

STATIONS

Faster part processing

- | | |
|--------------|----------------|
| 1. Penetrant | 6. Final Rinse |
| 2. Drain #1 | 7. Dryer |
| 3. Pre-Rinse | 8. Developer |
| 4. Drain #2 | 9. Inspection |
| 5. Remover | |

FEATURES

- Overall Length: 182" (462.3cm)
- Overall Width: 34" (86.4cm)
- Working Height: 36" (91.4cm)
- Unit Weight Approximately 1,270 lbs. (560.1 kg)
- 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 pre-rinse tank, hand hose and spray nozzle
- Stainless steel drain area with drain rack, working dimensions of 18"L x 33"W
- Stainless steel remover tank, air agitated, inside dimensions of 15.8"L x 33" W x 19.3"D
- Stainless steel post-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 14.3"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, 60Hz, 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)

- Settable Timer
- Manual touch up rinse spray gun provided for after cycle is complete

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

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