



Together for a safer world™

PENETRANT INSPECTION EQUIPMENT



ZA-1227

Fluorescent Penetrant Testing Equipment System

- Electrical Requirements: 115V, 60Hz, Single Phase
- Tank Size: 12.9 x 27.6 x 16 in / 32.8 x 70.2 x 40.6 cm
- Tank Capacity: 10 gal / 38.7 L
- Dryer: Thermostatically controlled
- UV Lamp: EV6000 hand-held LED black light

Method A – Water Washable

Dimensions

56 x 28 x 36 in / 142 x 71 x 91 cm

Stations

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

Method B – Post Emulsifiable, Lipophilic

Dimensions

70 x 28 x 36 in / 177.8 x 71.1 x 91.4 cm

Stations

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

Method D – Post Emulsifiable, Hydrophilic

Dimensions

83 x 28 x 36 in / 210.8 x 71.1 x 91.4 cm

Stations

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



ZA-1633

Fluorescent Penetrant Testing Equipment System

- Electrical Requirements: 230V or 460V, 60Hz, single Phase
- Tank Size: 15.8 x 33 x 14.8 in / 40.1 x 83.8 x 37.6 cm
- Tank Capacity: 27 gal / 102 L
- Dryer: Digitally calibrated temperature control
- UV Lamp: EV6000 hand-held LED black light

Method A – Water Washable

Dimensions

132 x 34 x 36 in / 335.3 x 86.4 x 91.4 cm

Stations

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

Method B – Post Emulsifiable, Lipophilic

Dimensions

165 x 34 x 36 in / 419.1 x 86.4 x 91.4 cm

Stations

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

Method D – Post Emulsifiable, Hydrophilic

Dimensions

182 x 34 x 36 in / 462.3 x 86.4 x 91.4 cm

Stations

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