

ZA-28, ZA-37

Penetrant Processing Inspection Equipment

Both ZA-28 and ZA-37 come in three models, each designed for a specific testing method. The order of use varies with different penetrant materials.

FEATURES

- High-performance, integrated processing/inspection system for fast and reliable manual penetrant testing.
- Modular design
- Thermostatically-controlled recirculating hot-air dryer
- Dry developer storm cabinet
- All units conform to the appropriate European Union Directives

ZA-28



PRODUCT PROPERTIES

	ZA-28	ZA-37
Maximum component size	350 x 350 x 820 mm	300 x 350 x 650 mm
Mains supply	220/240 V, 1 PH, 50 Hz @ 20 Amps. If dry developer has extraction: 380/415 V, 1 PH, 50 Hz @ 20 Amps	220/240 V, 1 PH, 50 Hz @ 10 Amps
Air supply	> 2 bar	> 2 bar

ZA-37

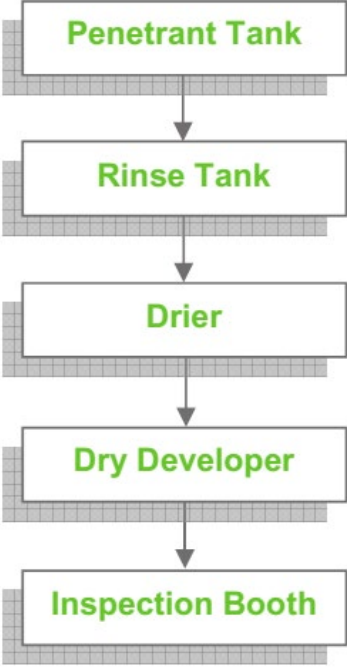
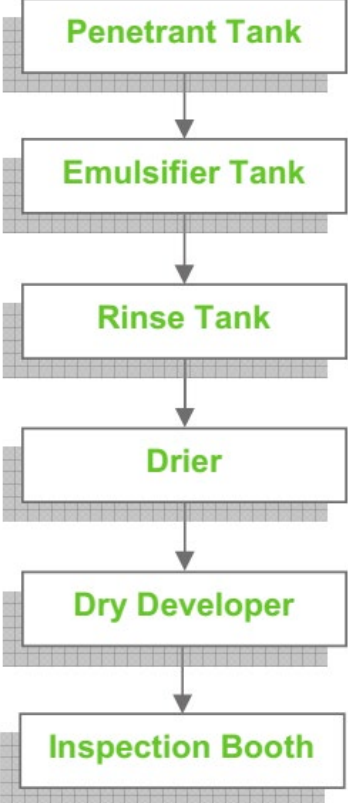
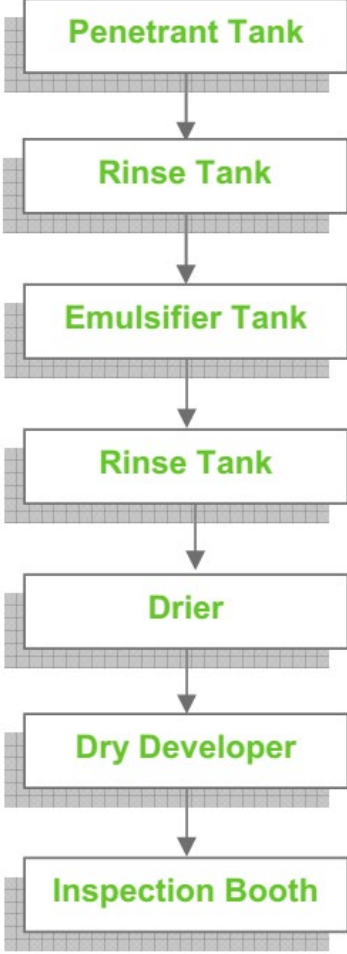


USER RECOMMENDATIONS

NDT Method	Liquid Penetrant Testing
Accessories	Ni-Cr Test Panels (506251, 506252, 184400)

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INSTRUCTIONS FOR USE

Water-Washable Method ZA-28W, ZA-37W	Post-Emulsified Method ZA-28E, ZA-37E	Hydrophilic Method ZA-28H, ZA-37H
<p>These are the simplest units because water can be used directly to wash excess penetrant from parts without additional steps.</p>  <pre> graph TD A[Penetrant Tank] --> B[Rinse Tank] B --> C[Drier] C --> D[Dry Developer] D --> E[Inspection Booth] </pre>	<p>These units can locate extremely shallow flaws, but they require an extra processing step - applying an emulsifier - to make the penetrant washable.</p>  <pre> graph TD A[Penetrant Tank] --> B[Emulsifier Tank] B --> C[Rinse Tank] C --> D[Drier] D --> E[Dry Developer] E --> F[Inspection Booth] </pre>	<p>These units deliver the highest sensitivity, but require an additional processing station for pre-rinsing parts.</p>  <pre> graph TD A[Penetrant Tank] --> B[Rinse Tank] B --> C[Emulsifier Tank] C --> D[Rinse Tank] D --> E[Drier] E --> F[Dry Developer] F --> G[Inspection Booth] </pre>