

# 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
- Digital PID Controlled recirculating hot air dryer
- Dry developer storm cabinet
- All units conform to the appropriate European Union Directives

### ZA-28



### PRODUCT PROPERTIES

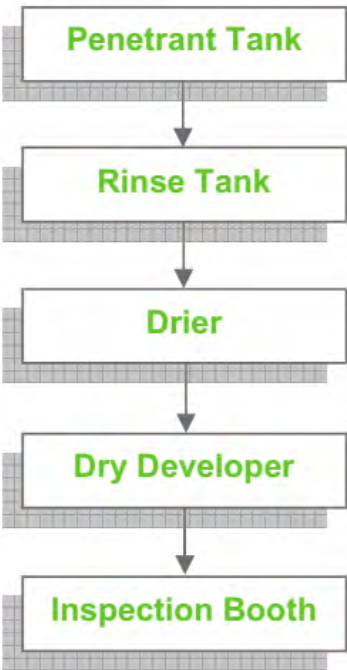
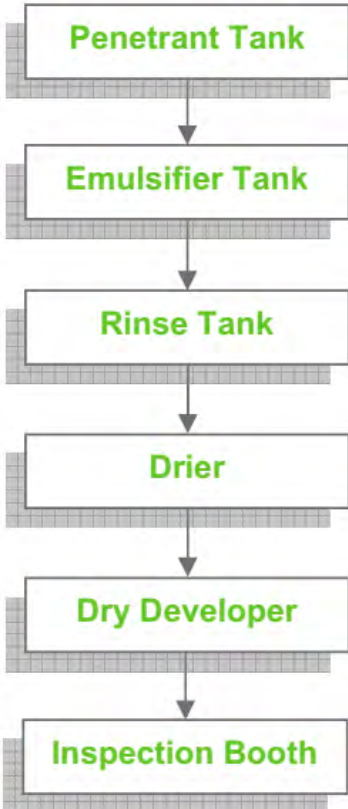
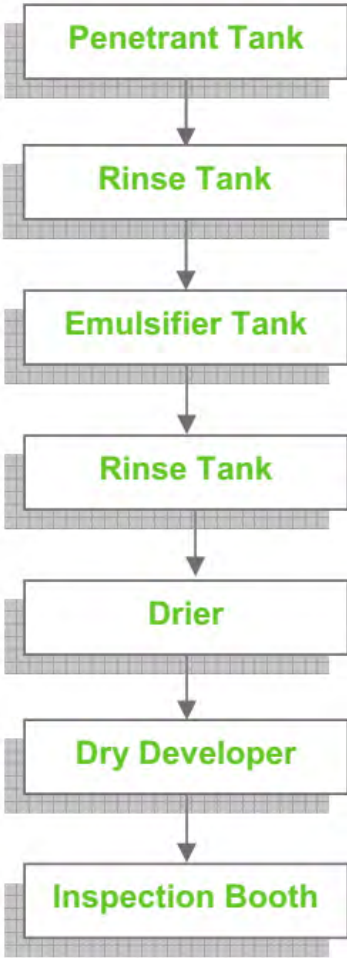
	ZA-28	ZA-37
<b>Maximum component size</b>	350 x 350 x 820 mm	650 x 300 x 250 mm
<b>Mains supply</b>	220/240 V, 1 PH, 50 Hz @ 20 Amps. If dry developer has extraction: 380/415 V, 1 PH, 50 Hz @ 20 Amps	220/240 V, 1 PH, 50 Hz @ 10 Amps
<b>Air supply</b>	> 2 bar	> 2 bar

### ZA-37



# ZA-28, ZA-37

## INSTRUCTIONS FOR USE

<b>Water-Washable Method</b> <b>ZA-28W, ZA-37W</b>	<b>Post-Emulsified Method</b> <b>ZA-28E, ZA-37E</b>	<b>Hydrophilic Method</b> <b>ZA-28H, ZA-37H</b>
<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] --&gt; B[Rinse Tank]     B --&gt; C[Drier]     C --&gt; D[Dry Developer]     D --&gt; 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] --&gt; B[Emulsifier Tank]     B --&gt; C[Rinse Tank]     C --&gt; D[Drier]     D --&gt; E[Dry Developer]     E --&gt; 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] --&gt; B[Rinse Tank]     B --&gt; C[Emulsifier Tank]     C --&gt; D[Rinse Tank]     D --&gt; E[Drier]     E --&gt; F[Dry Developer]     F --&gt; G[Inspection Booth]                     </pre>