

- Modular Design
- Thermostatically-Controlled Recirculating Hot Air Dryer
- Dry Developer Storm Cabinet

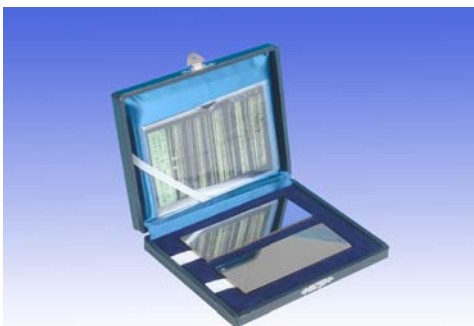
PENETRANT PROCESSING INSPECTION EQUIPMENT

MAGNAFLUX[®] ZYGLO[®] ZA-28 SERIES

High-performance, integrated processing/inspection systems for fast, reliable manual Penetrant testing.

Division of ITW Ltd

MAGNAFLUX[®]



Ni-Cr TEST PANELS

A range of process control panels having finely controlled crack depths to offer greater discrimination when comparing penetrant sensitivity. Matched pairs of panels are used to study the effects of process change.

Available in pairs, in the following crack sizes 10 - 20 - 30 - 50 Microns. Kit one pair of each size.

ZYGLO[®] ZA-28 SERIES

OPERATING INFORMATION

Each of the three ZA-28 models is designed for a specific testing method. Since the order of use varies with different penetrant materials, the units must be carefully ordered to fit your application.

ZA-28W for Water Washable Method : This is the simplest unit because water can be used directly to wash excess penetrant from parts without additional steps.

ZA-28E for Post-Emulsified Method : This unit can locate extremely shallow flaws, but it requires an extra processing step applying an emulsifier to make penetrant washable.

ZA-28H for Hydrophilic Method : This unit delivers the highest inspection sensitivity, but it requires an additional processing station for pre-rinsing parts.

The accompanying chart shows the work flow for each model:

- **ZA-28W WATER WASHABLE METHOD:**

Penetrant Tank	Rinse Tank	Drier	Dry Developer	Inspection Booth
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- **ZA-28E POST EMULSIFIER METHOD (OIL BASED):**

Emulsifier Tank	Penetrant Tank	Rinse Tank	Drier	Dry Developer	Inspection Booth
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- **ZA-28H POST EMULSIFIER METHOD (WATER BASED):**

Penetrant Tank	Rinse Tank	Emulsifier Tank	Rinse Tank	Drier	Dry Developer	Inspection Booth
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- Tank sizes 400 x 400 x 850 mm

All Units conform to the appropriate European Union Directives
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All Models:

- Max Compt. Size 350 x 350 x 820 mm
- Mains Supply 220/240 v, 1 PH, 50 Hz @ 20 amps or if Dry Developer has Extraction 380/415 v, 1 PH, 50 Hz @ 20 amps
- Air Supply > 2 bar

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