

## ZA-800

### Modular Penetrant Inspection Line

The ZA-800 provides a high performance and integrated inspection process for fast and reliable penetrant testing. As a multi-station process for components up to 750 mm x 750 mm x 700 mm in size, it offers the flexibility of modular construction and has the added advantage of simple tank additions to meet your specific requirements.

Designed to operate from the left or the right, the system can, when arranged in a straight-line configuration, be used either as a manual unit or in conjunction with a linear robot for automatic applications. Alternatively, where space is limited, the ZA-800 can be arranged in a 'U' or 'L' configuration to suit the area available.

#### FEATURES

- Flexible modular construction
- Manual or semi-automatic applications
- Conforms with most required testing specifications.
- Incorporates all the necessary equipment for fluorescent penetrant testing.
- Modules 1 - 6 manufactured from stainless steel and measure 800 mm square.

#### BENEFITS

##### **Durability and support through a global network**

Confidence that the equipment will survive your demanding environment, backed by an industry leading warranty, supported by a global network.

- Support your worldwide operations by specifying, acquiring and servicing Magnaflux equipment through a global network of trained sales and service centres
- Develop techniques and train for your inspection processes on Magnaflux equipment that is available globally.



# ZA-800

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## STANDARD MODULES

- 1. Drain Stations:** available in either straight runs or with 90° bends, with aluminium grille or nylon rollers.
- 2. Hot Air Dryer:** thermocouple and PID controlled, electrically heated, recirculating hot air. Gas pressure spring lid. Optional through-type dryer.
- 3. Powder Storm Cabinet:** air-agitated automatic powder extract and return unit. Gas pressure spring lid. Optional through-type powder storm cabinet.
- 4. Inspection Booth:** sturdy work surface covered in ribbed rubber. Equipped with flame-retardant curtains on all sides, UV hand lamp, adjustable black light fixture.

## OPTIONAL MODULES

- 5. Penetrant Immersion Tank:** double- hinged stainless steel cover and aluminium bottom grille.
- 6. Remover Tank:** double-hinged stainless steel cover and aluminium bottom grille.
- 7. Rinse Tank:** air/water wash gun, splash shield, aluminium bottom grille, canopy with flame-resistant lightproof curtains, and UV lighting.

## ACCESSORIES AND RELATED PRODUCTS

**Inspection enclosure with EV6000 UV lamp**  
Part number 628000.

**EV6500 lamp**  
Part number 629677

Mounting adaptors are available to permanently or temporarily mount the inspection light to the testing station.

**Adjustable bracket for mag bench mounting**  
Part numbers 023A008

**Adjustable bracket for table mounting**  
Part number : 023A008B:

**Bracket mounting to the lamp**  
Part number 023A008M

## USER RECOMMENDATIONS

<b>NDT Method</b>	Liquid Penetrant Testing
<b>Accessories</b>	Activated Carbon Filters