3. APEX Stationary MPI Bench

PROMAG APEX is specially designed for general industries such as automotive, steel mill, forging, and casting and so on, which is manufactured and tested under ISO 9001, and calibrated by complying with the Non-destructive testing (NDT) standard of ASTM E709 and ASTM E1444.

This Series is one of PROMAG's most popular fluorescent wet magnetic particle inspection stationary equipment with single and multi-directional AC / HWDC / 1P FWDC and single directional 3P FWDC magnetization output capacity.

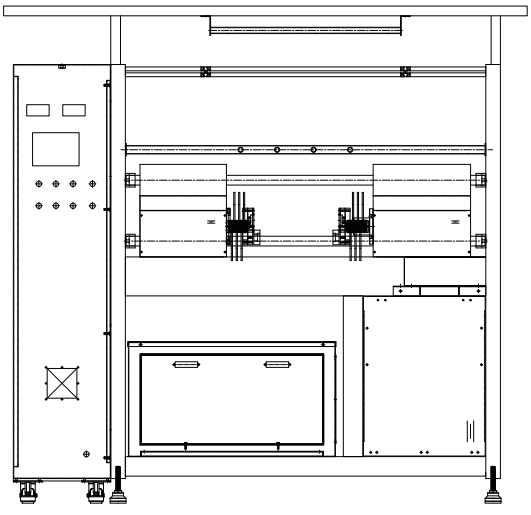
he MPI stationary benches provide 3,000, 6,000 and 10,000 amps of AC and HWDC magnetization for finding surface and sub-surface defects, and 6,000 and 10,000 3P FWDC during fluorescent wet method magnetic particle inspection to better support operator effectively checking and inspecting different cracks.

The two outputs are independently adjustable to set each magnetic field, circular or longitudinal. The standard systems are suitable to test parts length up to a maximum of 5,000 mm. Special clamping lengths and other customized functions are available on request. All MPI stationary benches can be equipped with darkening cabins (with curtains), exhaust fan and light fixture as an option.

APEX Series - Model A

- Current Amps. : 2,000~10,000A
- Current Type : single phase AC, HWDC

APEX Stationary MPI Bench for Automotive / General Use



• Schematic Drawing

Magnetic Particle Inspection Equipment

APEX Series - Model X / Y

- Current Amps. : 4000~10,000
- Current Type : 3 phase FWDC / 3 phase FWDC + AC

Features

- Inspect a wide range of components reliably using machinery that meets NADCAP specifications
- Advanced agitator system prevents blockages and clumping of magnetic particles
- Reduce processing time with operator-enabled automatic Double-Mag Shot
- Simple and user-friendly operator interface with touch-screen controls allows for easy operation and maintenance

NADCAP Approval for Aerospace / National Defense