FLUORESCENT MAGNETIC POWDER FLAW DETECTOR
PART NO. MPI-FX200-U

CAN BE CUSTOMIZED ACCORDING TO CUSTOMER NEEDS

- Conform to standards GB/T15822.1~3 GB3721-83
  JB/T8290-2011 ASTM E1444-2016
- Specialized in non-destructive testing of the whole surface of ferrous materials
- With automatic program, it can realize a series of semi-automatic actions such as workpiece clamping, spraying, 360°rotation, compound magnetization, demagnetization, and releasing
- It has high inspection efficiency, low labor intensity of operators, and reliable practicality
- Touch screen
- With magnetization abnormality alarm, to prevent the leakage of detection
- With independent stirring pump, to ensure that the magnetic powder does not precipitate
- Suitable for non-destructive testing of various parts in aviation, aerospace, military, railroad, automobile, metallurgy, petrochemical, shipbuilding, pressure vessel and other industries

SPECIFICATION

Circumferential magnetizing current	AC: 0~2000A
Longitudinal magnetization potential	AC: 0~12000AT
Electrode spacing	3.94~23.62" adjustable (manual)
Magnetization sensitivity	15/50 clearly displayed on A sensitivity test piece
Duty cycle	≥25%, continuous magnetization time maximium 3s
Magnetization method	circumferential magnetization, longitudinal magnetization, compound magnetization
Clamping method	pneumatic clamping
Running mode	pneumatic/manual
Electrode plate	6.30"DIA
Magnetizing coil	coil inner diameter 7.87"DIA two, coil turns 6 turns
Demagnetization	automatic attenuating demagnetization, residual magnetism≤0.3mT
UV (Light) Lux	≥2000uW/cm^2 (calibration at a distance of 15")
Power supply	480V, 60Hz
Air supply	58.02~101.53psi
Operation environment	temperature: 23°F~113°F, relative humidity: ≤90%
Dimension (LxWxH)	main unit: 102.4x33.5x66.9" including darkroom dimension: 110.2x63.0x86.6"
Weight	1543lb

STANDARD DELIVERY

Electrical control system	1 pc
Magnetized power system	2 pc
Spray system	1 pc
Magnetic suspension recovery device	1 pc
Ultraviolet flaw detection lamp	1 pc
Demagnetization system	1 pc