

PIPELINE MAGNETIC PARTICLE FLAW DETECTOR CODE MPI-G610

- Conformity to standards JJF 1458, NB/T 47013.4, GB/T 15822.3
JB/T7411, JB/T 14223, JB/T 13936
- Integrated design of probe and lithium battery, no need for external power cord
- OLED display shows battery level and voltage
- Available DC or AC flaw detection modes, spot magnetization or continuous magnetization operating modes, ultraviolet or white light illumination modes
- Can detect no-load conditions and automatically adjust the current to prevent overload damage
- Constant magnetic control function for auto-off when power drop makes lifting force unqualified for testing, guaranteeing test sensitivity
- Can detect pipeline welds with a diameter of $\geq 80\text{mm}$ and flat plate welds
- Magnetic pole feet rotates to adjust angle for different diameter workpieces, fitting pipe curved surfaces
- Magnetic pole feet are included for standard pipe weld and flat plate weld inspection



light source (included)



pipe slide rail magnetic pole feet
(included)



flat slide rail magnetic pole feet
(included)

SPECIFICATION

Sensitivity		15/100 engraved groove clearly displayed on A1 standard sensitivity test piece
Lifting power		$\geq 12.04\text{kg}$ (118N)
Light source	white light illuminance	$\geq 2000\text{Lux}$
	ultraviolet Irradiance	$\geq 7000\mu\text{W}/\text{cm}^2$
Duty cycle		50% maximum excitation time 600 seconds
Magnetic pole spacing		100mm×100mm
Gap between magnetic pole and workpiece		$\leq 0.5\text{mm}$
Battery voltage		14.8V
Battery capacity		24000mAh
Operation temperature		-10~40°C
Dimension (L×W×H)		200×143×196mm
Net weight		3.6kg

STANDARD DELIVERY

Main unit	1 pc
lithium battery	2 pcs
Pipe slide rail magnetic pole feet	4 pcs
Flat slide rail magnetic pole feet	4 pcs
Instrument vest	1 pc
Auxiliary tool	1 pc
Lithium-ion battery charger	2 pcs