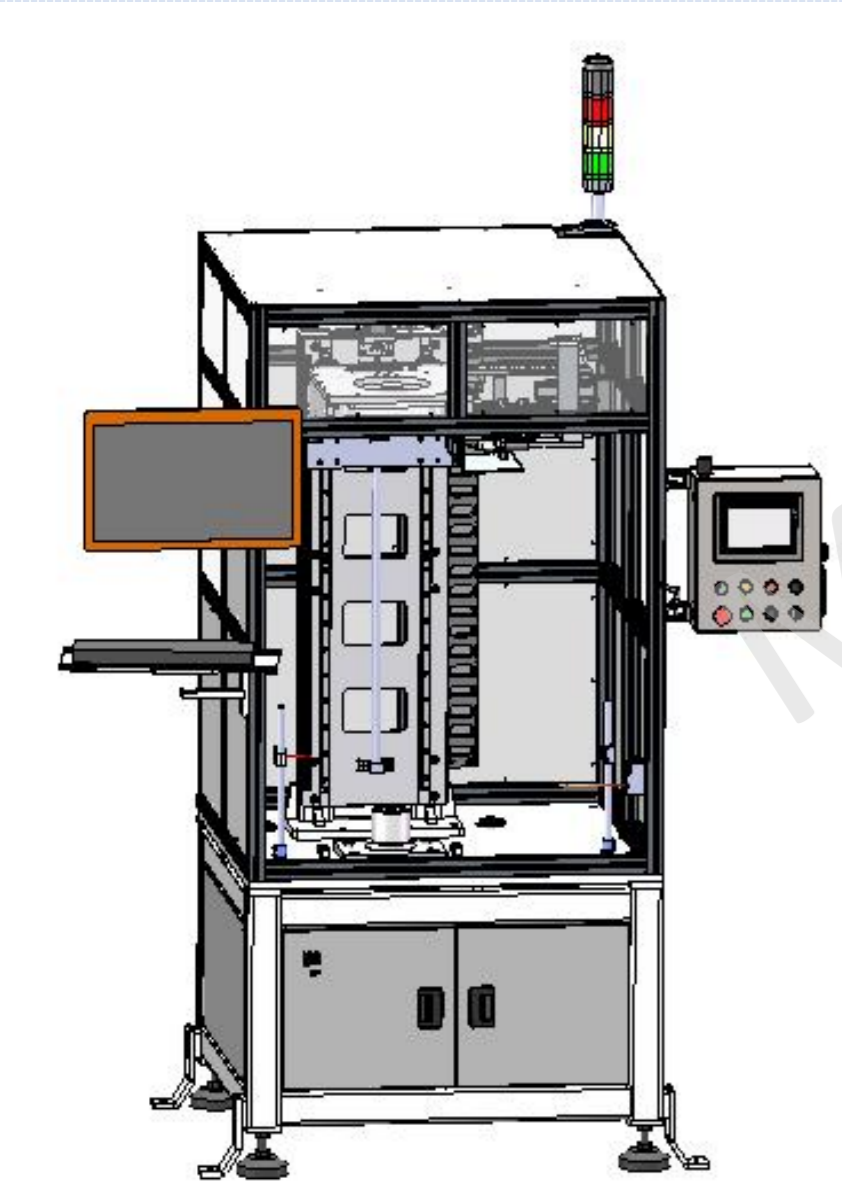
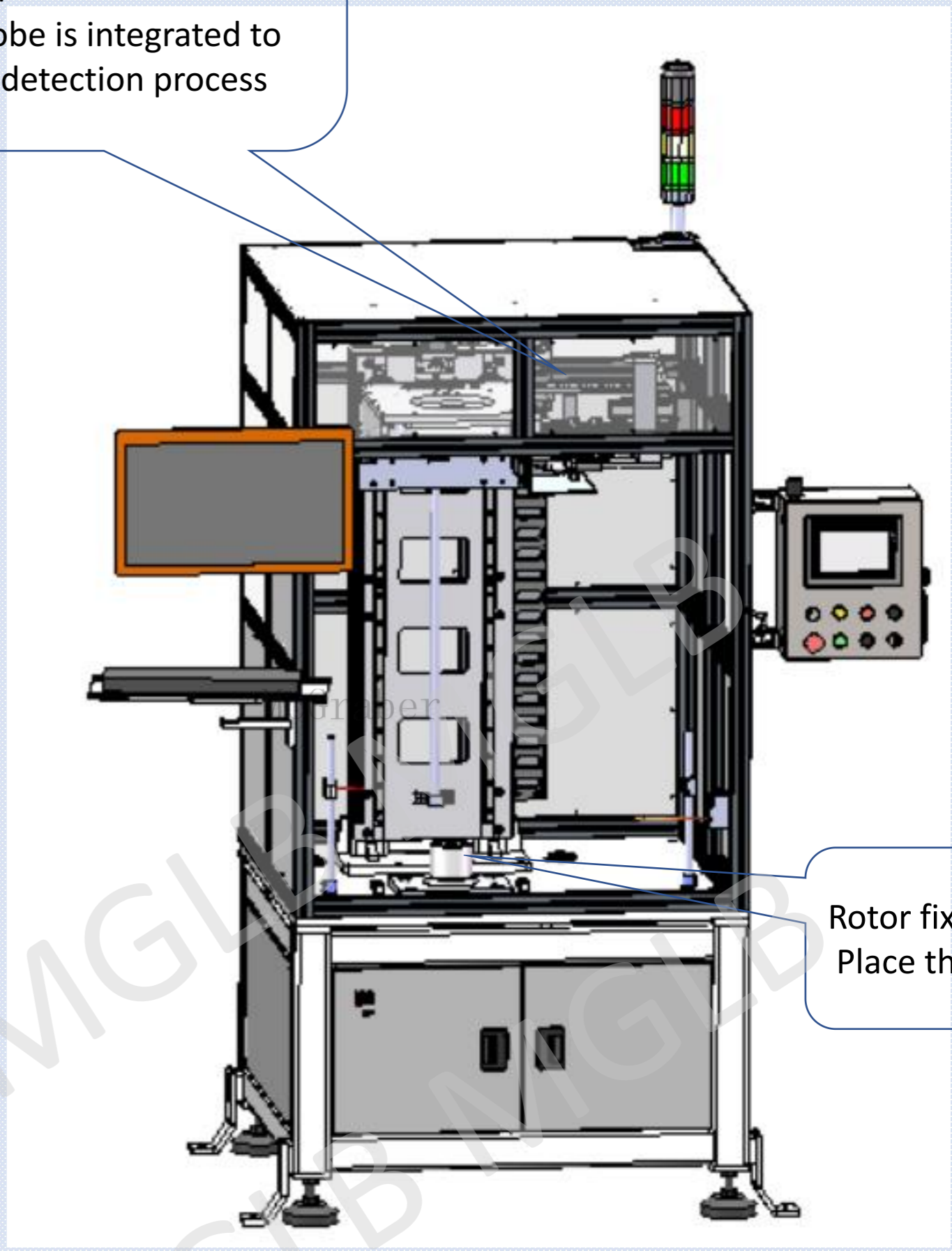


Off-line standard shaft end demagnetization and testing equipment

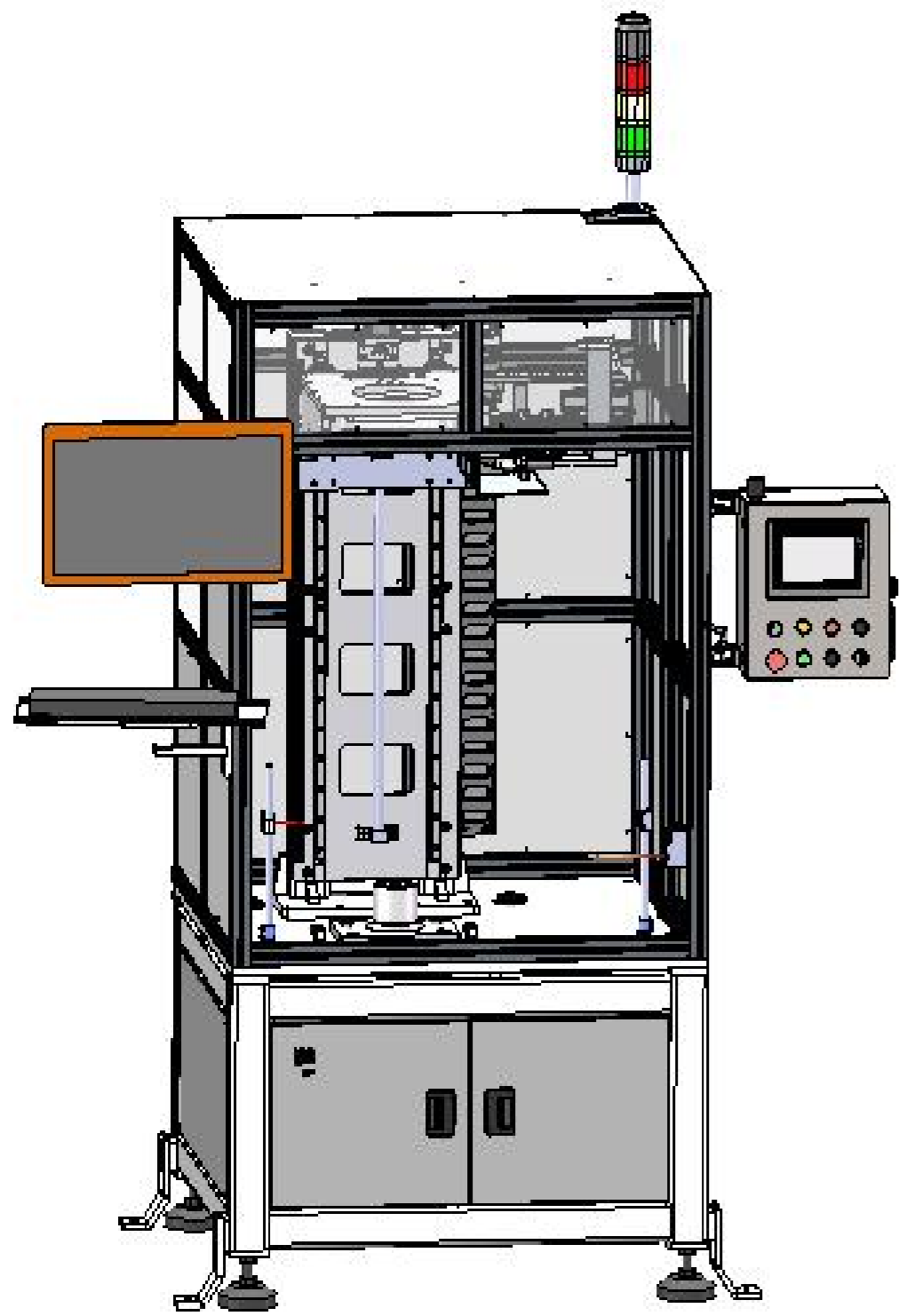
Coil and detection probe lifting mechanism:
1. The screw drives the mechanism to rise and fall, with high precision
2. The coil probe is integrated to speed up the detection process



- 1. Loading and unloading method: Manual (manual holding)
 Robot / manipulator (provided by Party A)
- 2. Product information collection: Scan code (Manual handheld / Fixed)
 Do not scan the code
- 3. Product incoming angle: Fixed Unfixed
- 4. Safety circuit control: Required Not required
- 5. Compatible product range: core diameter 90-200mm , product stack thickness 50-200mm , shaft length 120-400mm .
- 6. Equipment performance parameters:
 - 6.1 Demagnetization performance: $\leq 15Gs$ (measurement results may deviate due to the product's own magnetic circuit or on-site environmental influences);
 - 6.2 Testing instrument accuracy: 0.5% (calibration range 0-2T), resolution 0.1Gs .



Rotor fixture:
Place the fixed r

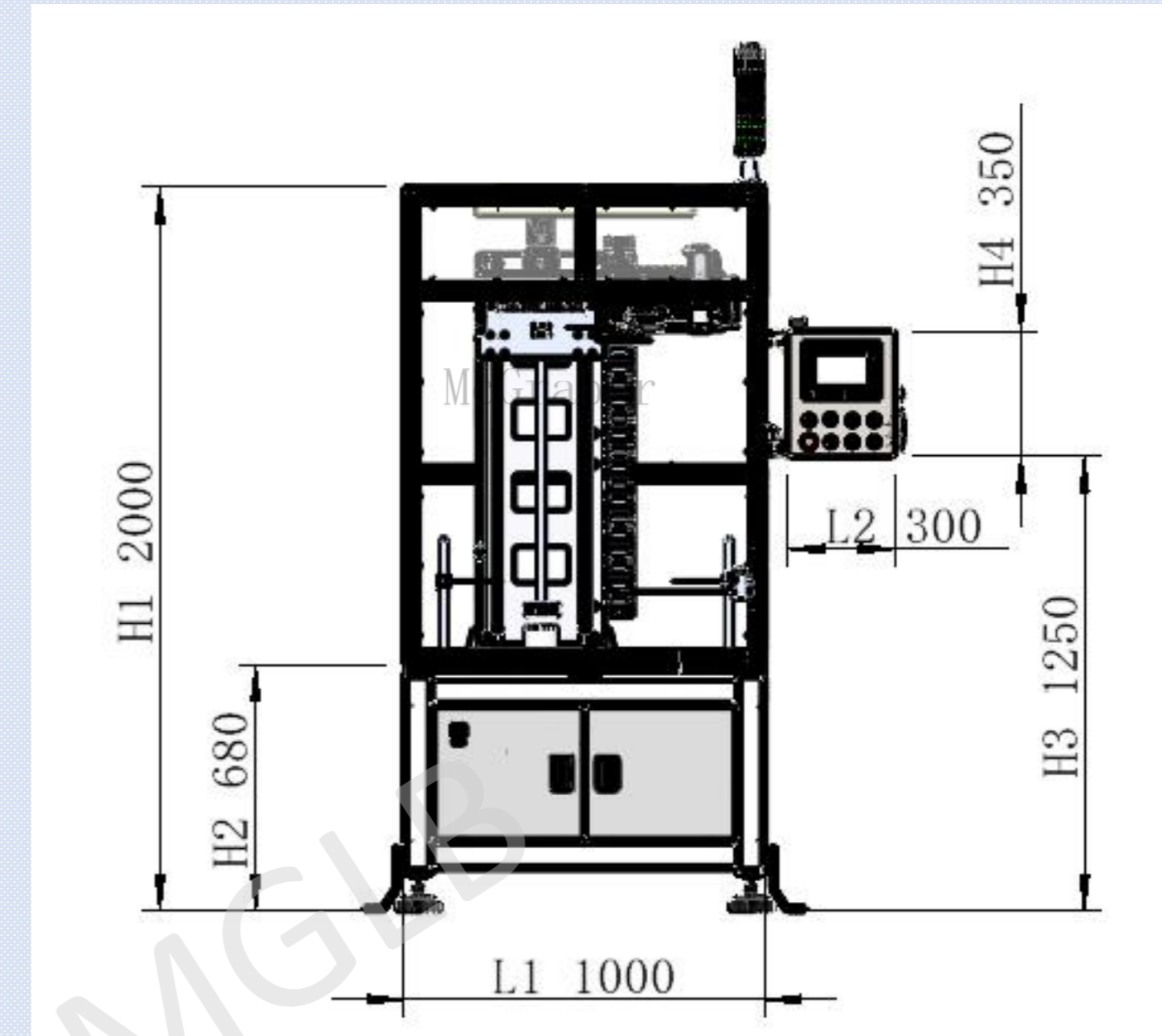
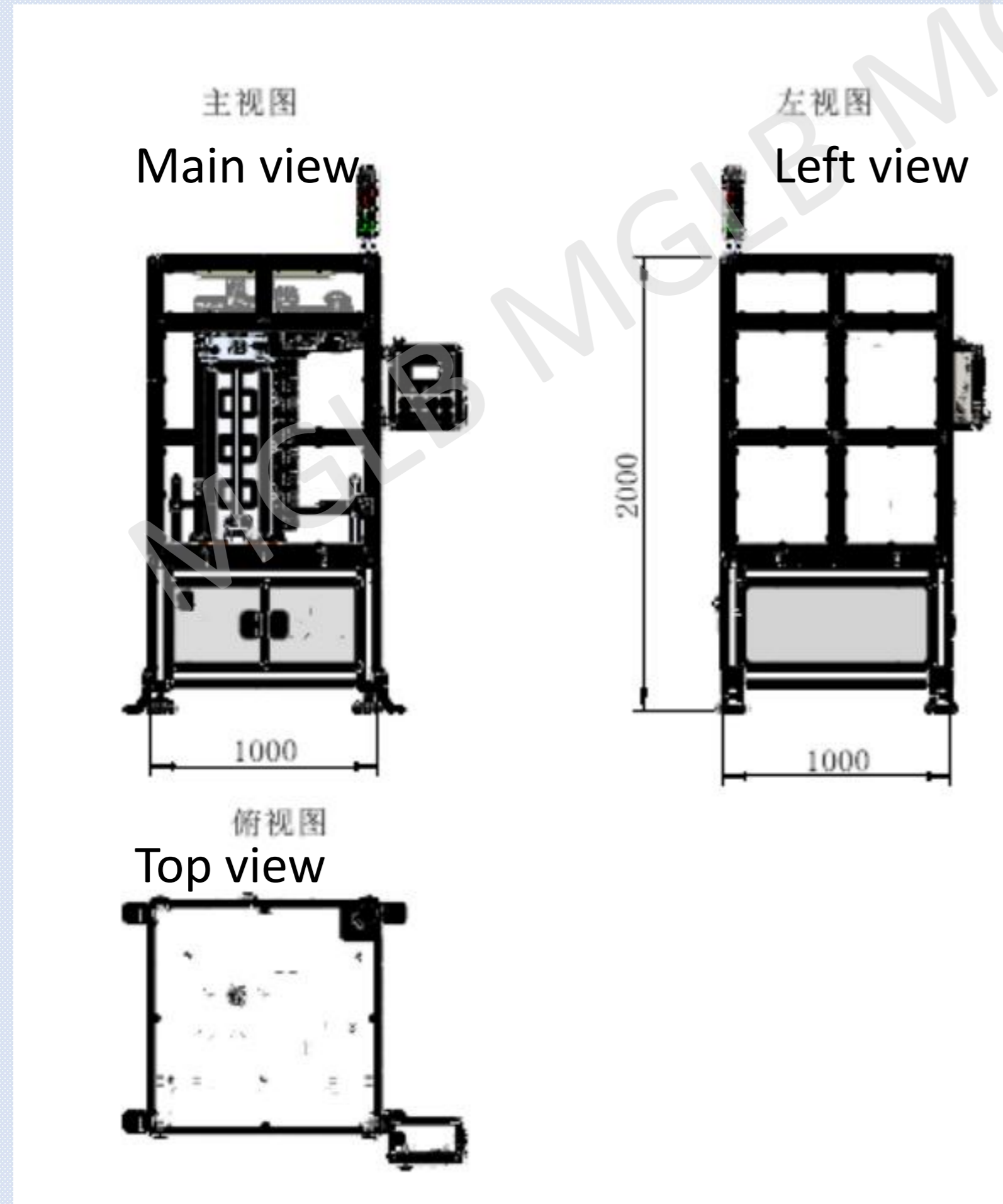


Demagnetization and testing workbench

project	Technical Parameters	Remark
Input power	AC220V \pm 5% 50/60Hz	
Input current	< 20A	
Rated power	< 5KW	
Equipment noise	\leq 75dB	
Device body color	RAL7035	Customizable
Aluminum profile groove sealing strip color	Hard black	Customizable
size	Length, width and height (mm): 1000*1000*2000	
weight	About 700kg	
Changeover time	\leq 15min	Workwear
Equipment Features	1) Mutually exclusive design to prevent misoperation 2) Touch screen debugging and monitoring 3) Demagnetization and detection of rotor shaft end 4) The test data can be uploaded to the system.	

Off-line standard shaft end demagnetization and testing equipment

Main dimensions of the equipment



Serial number	code name	size	illustrate	Remark
1	H1	2000mm	Overall height	
2	H3	680mm	Platform height	
3	H4	1150mm	Height of operating box from ground	
4	H5	300mm	Operation box width	
5	L1	1000mm	Device Width	
6	L2	300mm	Operation box width	

Off-line standard shaft end demagnetization and testing equipment

Main equipment configuration and CT analysis

Serial number	Component Category	brand	Remark
1	PLC	Siemens S7-1214C	
2	HMI	Siemens KTP-700	
3	servo motor	Panasonic A6 series	
4	stepper motor	Lei Sai	
5	Screw / module	HiSilicon	
6	Pneumatic components	SMC	
7	Air control components	Manifold + solenoid valve	SMC
		Triple piece	SMC
8	electrical cabinet	MGLB	
9	Operation box	MGLB	

