

KASON BJ-X

Portable Metallographic Microscope



View more information

Microscope

MAGNETIC BASE

The microscope base is equipped with a magnetic suction seat, which can be directly attached to the workpiece to observe the on-site metallographic examination of the tissue. The gear-type XY-axis moving platform ensures that it does not automatically move horizontally.



LIGHTING SYSTEM

- Use 6V3W LED lighting and rechargeable lithium battery.
- Compact and precision optical instruments
- The equipment is small and lightweight, and comes with a portable aluminum alloy packaging box, making it easy to carry and test on site.
- On-site metallographic sample preparation package (optional)
- An angle grinder is used with sandpaper, wool felt, and diamond spray polishing agent



APPLICATION

The KASON BJ-X portable metallographic microscope has its own vertical illumination light source, it can be easily used on-site to identify the structure of various metals and alloys when samples cannot be produced. It is a microscope suitable for metallographic inspection and failure analysis of various large workpieces on site. It does not require cutting and sampling, but directly grinds and polishes the workpiece to ensure the integrity of the workpiece. The portable metallographic microscope is suitable for aviation manufacturing, machinery manufacturing, and vehicles. Manufacturing, manufacturing and inspection of boilers and pressure vessels, petrochemical, railway, shipbuilding, power plants, power stations, equipment installation, large molds, safety testing, quality supervision, physical and chemical laboratories and other industries. It can also be widely used in factories and laboratories for casting quality identification, raw material inspection, or research and analysis of metallographic structures after material processing.

MAIN SPECIFICATIONS

Item	Specification	BJ-X
Optical system	Finite distance chromatic aberration correction optical system	Included
observation tube	Monocular viewing tube.	Included
Eyepiece	Wide view WF10X(Φ18mm)	Included
Objectives	Long distance plan achromatic objective lens: PL L 10X/0.25 WD8.8mm	Included
	Long distance plan achromatic objective lens: PL L 40X/0.6 WD3.73mm	Included
Lighting System	6V3W LED Lamp lighting, rechargeable lithium battery	Included
Base	X-Y Magnetic base, quick non-magnetic base	Included
Optional Configuration		
Plan 1	KASON-BJX portable metallographic microscope standard host	
	Metallographic analysis software	
	5 million pixel Sony chip camera device	
	0.5X adapter mirror interface	
Plan 2	KASON-BJX portable metallographic microscope standard host	
	Metallographic analysis software	
	WIFI camera	
	1X adapter mirror interface	
	High precision micrometer	

