



# LABOMED, INC.

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## LB-604 Portable Metallurgical Microscope

### Introduction

LB-604 Portable Metallurgical Microscope is a portable metallurgical microscope, it has vertical light source, it is easily to be used in field to identify the structures of all kinds of metal and alloy when failure in making sample. It can be widely used for identification of casting quality, inspection of raw material or metallurgical structures research and analysis of processed material in factory and laboratory, also can be used in antique gem and surface observation.

LB-604 adopts a rechargeable LED illuminator, it is portable and easy to use. It can work more than 40 hours after one charge.

Digital cameras can be used with the microscope for image, video capture and analysis.

### Specifications

Eyepiece:	Plan eyepiece 10X/Φ6mm, 12.5X/Φ3mm
Objective:	10X/0.25 N.A/7.3mm, 40X/0.65 N.A/0.5mm
Total Magnification:	100X-500X
Mechanical tube length:	160mm
Focusing range:	25mm
Supply Voltage:	3.6V
Dimension:	23cm*11cm*7cm
Weight:	0.75kg

#### Complete Set of the Instrument:

Microscope body:	1 set
Eyepiece:	10X, 12.5X pair/each
Achromatic objective:	10X 1 unit
Metallurgical objective:	40X 1 unit
LED Illumination:	1 set
Power source battery charger	1 unit



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