

9. BS-6022RF/TRF Laboratory Metallurgical Microscope



BS-6022TRF

Introduction

BS-6022RF/TRF metallurgical microscopes are high level professional microscopes which are specially designed for metallurgical analysis. With excellent optical system, ingenious stand and convenient operation, they will be your best choice. DIC observation attachment is optional for these microscopes to meet some special requirements.

Features

1. Laboratory metallurgical microscope, including bright field, dark field and polarization observation system, DIC attachment is also optional.
2. Powerful transmitted and reflected system with Kohler illumination.
3. Ideal instrument for metallurgical analysis, industry inspection and science research.

Application

BS-6022RF/TRF are widely used in institutes and laboratories to observe and identify the structure of various metal and alloy, they also can be widely used in electronics, chemical and instrumentation industry, observe the opaque material and transparent material, such as metal, ceramics, integrated circuits, electronic chips, printed circuit boards, LCD panels, film, powder, toner, wire, fibers, plated coatings, and other non-metallic materials and so on.

Specification

| Item | Specification | BS-6022RF | BS-6022TRF |
|--|---|-----------|------------|
| Optical System | Infinite optical system | ● | ● |
| Viewing Head | Siedentopf trinocular viewing head, inclined at 30°, interpupillary distance 48mm-75mm | ● | ● |
| Eyepiece | Extral wide field eyepiece EW10×/22mm, eyepiece tube Φ30mm | ● | ● |
| Infinite Plan Achromatic Objective | 5×/ 0.12/∞/ - (BF&DF) WD 12mm | ● | ● |
| | 10×/ 0.25/∞/ - (BF&DF) WD 10.0mm | ● | ● |
| | 20×/ 0.4/∞/ 0 (BF&DF) WD 4.3mm | ● | ● |
| | 40×/ 0.65/∞/ 0.17 WD 0.54mm | | ● |
| | 100×/ 1.25/∞/ 0.17 WD 0.13mm | | ● |
| | 40×/ 0.6/∞/ 0 (BF&DF) WD 2.9mm | ○ | ○ |
| | 50×/ 0.75/∞/ 0 (BF&DF) WD 0.32mm | ● | ● |
| | 100×/ 0.8/∞/ 0 (BF&DF) WD 2mm | ● | ● |
| DIC Attachment | 20×, 100× | ○ | ○ |
| Maximum Sample Height | 30mm | | ● |
| | 50mm | ● | |
| Reflected Light | 24V/100W Halogen light, Brightness adjustable | ● | ● |
| | Kohler illumination and aspherical condenser | ● | ● |
| | Polarizer and analyzer | ○ | ○ |
| | An integrate device for polarizer and analyzer | ○ | ○ |
| | Blue, Green, Yellow and Ground glass filter | ● | ● |
| Transmitted Light | Swing-out condenser NA0.9/ 0.25 | | ● |
| | 24V/100W Halogen light and aspherical condenser | | ● |
| | Blue filter | | ● |
| Filter | ND25, ND6 | ○ | ○ |
| Focusing | Coaxial Coarse and Fine Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Moving Range 30mm | ● | ● |
| Nosepiece | Backward quintuple nosepiece | ● | ● |
| Stage | Double layer mechanical stage(without hole) 186×138mm/ 74mm×50mm | ● | |
| | Double layer mechanical stage 186×138mm/ 74mm×50mm | | ● |
| | Glass specimen preparation plate | ○ | ○ |
| | Specimen preparation plate | | ● |
| | Slide glass | | ● |
| Accessories | Specimen Presser | ○ | ○ |
| | Photo Attachment | ○ | ○ |
| | Video Attachment, C-Mount 1×, 0.5× | ○ | ○ |
| | 0.01mm stage micrometer | ○ | ○ |

Note: ●Standard Outfit, ○Optional

Accessory



Specimen Presser



DIC Attachment

Sample Image

