



Metallurgical Microscope MM-2144



\$3,800.00

Inverted Metallurgical Microscope MM-2000 Series	Inverted Metallurgical Microscope MM-2100 Series	Metallurgical Microscope	Microscopes
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Inverted Metallurgical Microscope MM-2144 is a part of the range of inverted microscope and stands out through its design which is ergonomic, vigorous and constant and stable. This inverted microscope is used to view large sample to observe as the objective lenses are located below the stage and allow for placing heavy mechanical parts directly on the stage above the objectives. This range, with its large working distance with infinite plan achromatic: 4X/ 0.1/∞/- 17.3 mm, 10X/0.25/∞/- 10.0 mm, 20X/0.40/∞/0-5.8 mm, 40X/0.65/∞/0-0.52 mm objective. Adjustable 6V/ 30W Halogen lamp, Kohler illumination to ensure the optimum illumination of the materials to be tested. The illuminating system consists of a high-intensity light source, Abbe N.A. 1.25 condenser lenses with Iris Diaphragm. The trinocular viewing head with extra wide field EW10X20 mm eyepieces fitted with 48-75mm interpupillary distance as standard. Blue, Yellow, Green and Frosted filters are often used to recover detail and polarizing filters, to produce surface glare and to recover grain boundary definition. Features with quintuple revolving nosepiece holds multiple lenses, and found between the eyepiece and the stage allowing the user to turn it to achieve various levels of magnification. Though the exact level of magnification may vary with different models, most microscopes provide a low power lens with about 5X magnification and a high power lens with about 100X magnification. Featured with chromatic condenser Abbe N.A. 1.25 with Iris Diaphragm that are concentrates and controls the light that passes through the specimen prior to entering the objective with modern cameras use a type of adjustable diaphragm known as an iris diaphragm which can reduce the amount light that hits a

detector by decreasing the aperture and Filter

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Product Description

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