



## BIOLOGICAL MICROSCOPE BMIC-204

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## DIGITAL MICROSCOPE

The Digital Microscope is an advanced imaging solution designed to offer high-resolution observation and precise analysis in scientific research, industrial inspection, and educational applications.



## SPECIFICATIONS

|                                                                                                 |                                                                          |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Model                                                                                           | BMIC-204                                                                 |
| Viewing Head                                                                                    | 10° LCD                                                                  |
| Nosepiece                                                                                       | Ball Beating Quadruple Nosepiece                                         |
| Eyepiece                                                                                        | WF10X/18mm                                                               |
| Objective                                                                                       | Plan Achromatic 4X, 10X, 40X(S), 100X(S, O)                              |
| Stage                                                                                           | Double Layer Mechanical Stage 135*140mm                                  |
| Condenser                                                                                       | ABBE NA1.25 condenser with Iris Diaphragm&filter, rack&pinion adjustable |
| Illumination                                                                                    | Build-in Illumination                                                    |
| Power Supply                                                                                    | AC100~240V, 50/60Hz                                                      |
| Package                                                                                         | Cartoon with foam                                                        |
| Package Size                                                                                    | 250*360*460mm                                                            |
| Gross Weight                                                                                    | 8kg                                                                      |
| Image Sensor                                                                                    | 1/3 SONY CCD                                                             |
| Signal System                                                                                   | PAL/NTSC                                                                 |
| Scanning Frequency                                                                              | Horizontal: 15.62KHz; Vertical: 50Hz                                     |
| Horizontal Resolution                                                                           | 480TV/520TV                                                              |
| Min Illumination                                                                                | F1.20.5LUX; 0.01LUX                                                      |
| Gain Control                                                                                    | Auto                                                                     |
| 48S/N Ratio                                                                                     | 50dB AGC                                                                 |
| Video Output                                                                                    | BNC 1.0VP-P.75                                                           |
| Backlight Compensation                                                                          | OFF/ON                                                                   |
| Electronic Shuttle                                                                              | AUTO IRIS EE                                                             |
| Camera Interface                                                                                | CS                                                                       |
| Balance                                                                                         | Auto                                                                     |
| Power                                                                                           | DC 12V                                                                   |
| Optional cameras: 5M, 6M, 8M, 10M, 12M, 16M, 18M, 20M(DC2000B)(only for Trinocular microscope). |                                                                          |
| Alt Name                                                                                        | Digital Microscope                                                       |



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)