



L790

L790 series biological microscopes are equipped with monocular, achromatic objectives and wide field eyepieces. They are the ideal instruments in medical treatment, teaching demonstration.

#### Standard Configuration

| Model        | L790A                                                                    | L790B                       |
|--------------|--------------------------------------------------------------------------|-----------------------------|
| Eyepiece     | WF-10X (view field 18mm)                                                 |                             |
| Objective    | Parfocal distance 35mm                                                   | Parfocal distance 45mm      |
|              | Achromatic 4X/0.10                                                       | Achromatic 4X/0.10          |
|              | Achromatic 10X/0.25                                                      | Achromatic 10X/0.25         |
|              | Achromatic 40X/0.65                                                      | Achromatic 40X/0.65(Spring) |
| Head         | Monocular , 360° rotatable (Inclination of 45°)                          |                             |
| Nosepiece    | Triple (Frontward)                                                       |                             |
| Focus system | Coaxial coarse/fine focus system. Minimum division of fine focusing: 4μm |                             |
| Stage        | Fixed (Size:120mmX120mm, With five holes fixed into diaphragm)           |                             |
| Collector    | For LED lamp                                                             |                             |
| Illumination | High brightness white LED lamp                                           |                             |

#### Optional accessories

| Part                   | Item Description                                                                       |                                   |
|------------------------|----------------------------------------------------------------------------------------|-----------------------------------|
| Eyepiece               | WF-16X (view field 11mm)                                                               |                                   |
|                        | WF-10X with pointer (view field 18mm)                                                  |                                   |
| Objective              | Achromatic 100X/1.25 (Spring oil) (Parfocal distance 35mm)                             |                                   |
|                        | Achromatic 100X/1.25 (Spring oil) (Parfocal distance 45mm)                             |                                   |
| Nosepiece              | Quadruple (Frontward)                                                                  |                                   |
| Digital monocular      | Built-in clear color CMOS sensor , the dynamic resolution is 1280X1024(LUXGA) , USB2.0 |                                   |
|                        | System requirement: Windows 2000@SP4 / Windows XP@SP2/ Windows Vista                   |                                   |
| Stage                  | Fixed(Size:120mmX120mm, with slide moving holder and Abbe condenser)                   |                                   |
| Filter                 | Blue filter                                                                            |                                   |
|                        | Green filter                                                                           |                                   |
|                        | Yellow filter                                                                          |                                   |
|                        | Yellow filter                                                                          |                                   |
| Collector              | For Fluorescent and Halogen lamp                                                       |                                   |
|                        | For Incandescent lamp                                                                  |                                   |
| Illumination           | High brightness white LED lamp                                                         | With adapter                      |
|                        | High brightness white LED lamp                                                         | With adapter and charge batteries |
|                        | Halogen lamp                                                                           | 12V20W                            |
|                        | Fluorescent lamp                                                                       | 5W                                |
|                        | Incandescent lamp                                                                      | 20W                               |
| Camera                 | Photography                                                                            | USB Output                        |
|                        |                                                                                        | VIDEO Output                      |
| Adapter                | Input: 230V~50/60HZ Output: 9V 500mA                                                   |                                   |
| (For LED Illumination) | Input: 110V~50/60HZ Output: 9V 500mA                                                   |                                   |

The specifications are subject to change.