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# A12.6603

## Biological Microscope

China Red Star Design Award



## Product Details



### Unique Head And Frame Integrated Body & Integrated Design Of The Eyepiece Lens Barrel

Butterfly Type (Butterfly) Binocular Design, The Lens Barrel Can Be Rotated 360°, High Eyepoint Eyepiece, Which Is Convenient For People With Different Sitting Height; The Integrated Design Of The Eyepiece Lens Barrel, Avoids The Loss And Contamination Of The Eyepiece And Enhances The Integrated Performance Of The Microscope



### Exclusive And Innovative Low-power Dimming Objective & Mechanical Stage

No Need To Adjust The Brightness Between High And Low Power Objectives  
Mechanical Stage Size 145×140mm, Travel Range 76×52mm



### Wire Winding Device & Observation Window At The Rear Of The Body

For Easy Handling And Storage; You Can See The Change Of Objective Magnification Even From The Back



### Condenser & Light Source

Abbe Condenser N.A.1.25, Iris Diaphragm, Spiral Up/Down, With Filter Holder  
3W LED Illumination With Aspheric Collector



### Powered By Safety Low Voltage Charger

Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply For Outdoor Use



## Product Upgrade



A31.6603-5.0MH



A31.6603-5.0M



A12.6603-B + Rackless (Integrated) Stage

## A12.6603 Biological Microscope, Trinocular

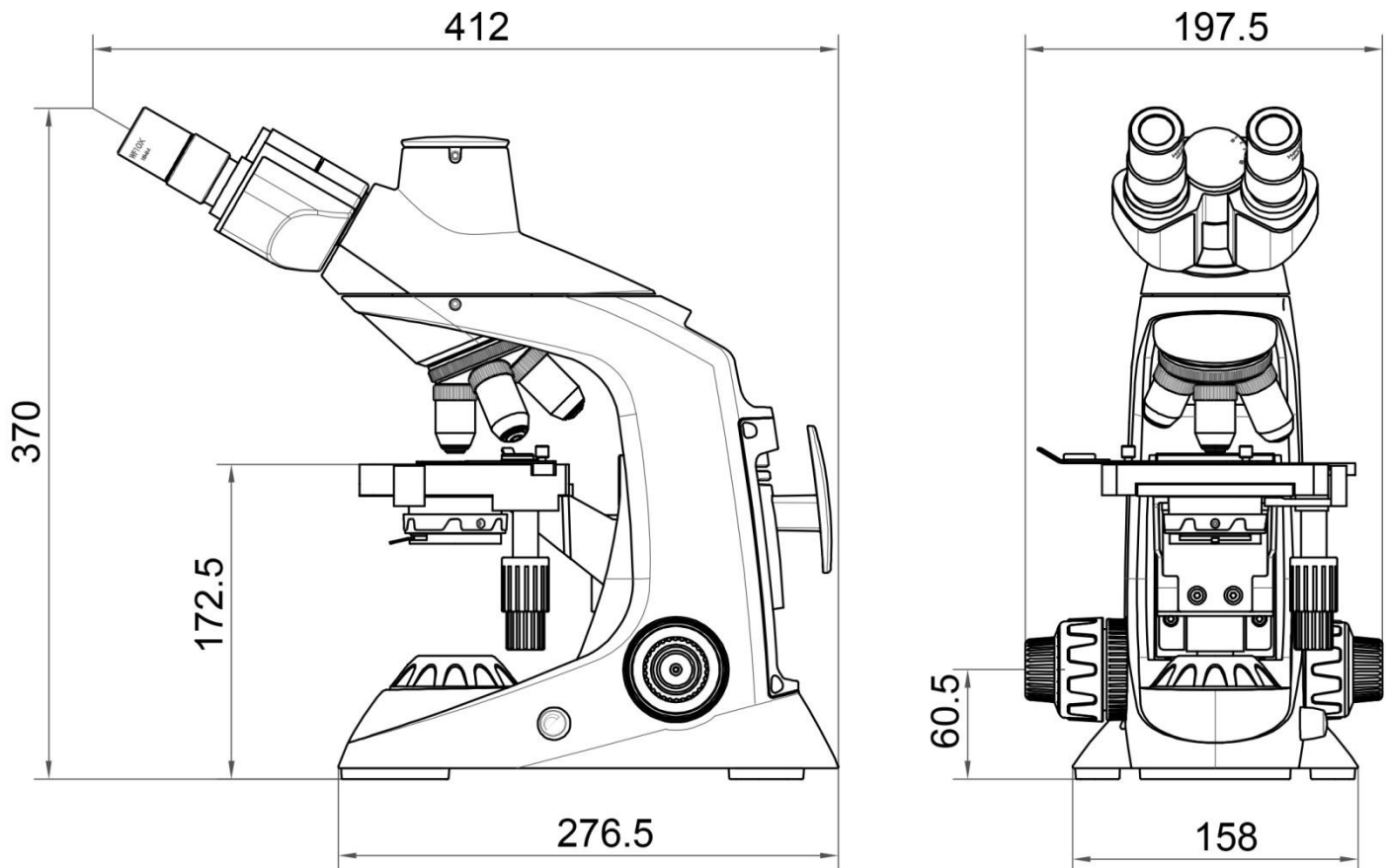


# Product Specification

| Items                    | A12.6603 Biological Microscope                                                                                                                                             | B | T | B2 | T2 | B3 | T3 | B4 | T4 | Cata. No.      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|----|----|----|----|----|----------------|
| Head                     | Seidentopf Binocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-75mm                                                                                  | ● |   | ●  |    | ●  |    | ●  |    | A53.2602-B     |
|                          | Seidentopf Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-75mm, Light Split Fixed P20:E80                                                      | ○ | ● | ○  | ●  | ○  | ●  | ○  | ●  | A53.2602-T     |
|                          | Digital Head, 5.0M 1/2" CMOS USB2.0 Digital Camera Built-in, Light Split Fixed P20/E80                                                                                     | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A53.2602-5.0M  |
|                          | Digital Head, 5.0M 1/2" CMOS USB2.0 Digital Camera Built-in, Light Split Fixed P20/E80, With Holder For Pad                                                                | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A53.2602-5.0MH |
| Eyepiece                 | WF10x/18mm                                                                                                                                                                 |   |   |    |    | ●  | ●  | ●  | ●  | A51.2602-1018  |
|                          | WF10X/20mm (High Eyepoint)                                                                                                                                                 | ● | ● | ●  | ●  |    |    |    |    | A51.2602-1020  |
|                          | WF16x/13mm                                                                                                                                                                 | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A51.2602-1613  |
|                          | WF10x/18mm With Pointer                                                                                                                                                    | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A51.2604-1018  |
|                          | WF10x/18mm With Micrometer 0.1mm*180 Div                                                                                                                                   | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A51.2605-1018  |
|                          | WF10x/18mm With Micrometer 0.1mm*180 Div, Diopter Adjustable                                                                                                               | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A51.2605-1018D |
| Nosepiece                | Quadruple, Backward                                                                                                                                                        | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  | A54.2610-N03   |
| Infinity Eplan Objective | EPLAN 4x/0.10, W.D.=12.1mm                                                                                                                                                 | ● | ● | ○  | ○  |    |    |    |    | A52.2605-4     |
|                          | EPLAN 10x/0.25, W.D.=4.14mm                                                                                                                                                | ● | ● | ○  | ○  |    |    |    |    | A52.2605-10    |
|                          | EPLAN 40x/0.65(S), W.D.=0.58mm                                                                                                                                             | ● | ● | ○  | ○  |    |    |    |    | A52.2605-40    |
|                          | EPLAN 100x/1.25(S, Oil), W.D.=0.19mm                                                                                                                                       | ● | ● | ○  | ○  |    |    |    |    | A52.2605-100   |
| Infinity Plan Objective  | PLAN 2.5x/0.07, W.D.=8.47mm                                                                                                                                                | ○ | ○ | ○  | ○  |    |    |    |    | A52.2606-2.5   |
|                          | PLAN 4x/0.10, W.D.=12.1mm                                                                                                                                                  | ○ | ○ | ●  | ●  |    |    |    |    | A52.2606-4     |
|                          | PLAN 10x/0.25, W.D.=4.64mm                                                                                                                                                 | ○ | ○ | ●  | ●  |    |    |    |    | A52.2606-10    |
|                          | PLAN 20x/0.40(S), W.D.=2.41mm                                                                                                                                              | ○ | ○ | ○  | ○  |    |    |    |    | A52.2606-20    |
|                          | PLAN 40x/0.66(S), W.D.=0.65mm                                                                                                                                              | ○ | ○ | ●  | ●  |    |    |    |    | A52.2606-40    |
|                          | PLAN 60x/0.80(S), W.D.=0.33mm                                                                                                                                              | ○ | ○ | ○  | ○  |    |    |    |    | A52.2606-60    |
|                          | PLAN 100x/1.25(S, Oil), W.D.=0.12mm                                                                                                                                        | ○ | ○ | ●  | ●  |    |    |    |    | A52.2606-100   |
|                          | PLAN 100x/1.15(S, Water), W.D.=0.19mm                                                                                                                                      | ○ | ○ | ○  | ○  |    |    |    |    | A52.2606-100W  |
|                          |                                                                                                                                                                            |   |   |    |    |    |    |    |    |                |
| Achromatic Objective     | 4x/0.1, W.D.=18.6mm                                                                                                                                                        |   |   |    |    | ●  | ●  | ○  | ○  | A52.2601-4     |
|                          | 10x/0.25, W.D.=6.5mm                                                                                                                                                       |   |   |    |    | ●  | ●  | ○  | ○  | A52.2601-10    |
|                          | 20x/0.40, W.D.=1.75mm                                                                                                                                                      |   |   |    |    | ○  | ○  | ○  | ○  | A52.2601-20    |
|                          | 40x/0.6(S), W.D.=0.47mm                                                                                                                                                    |   |   |    |    | ●  | ●  | ○  | ○  | A52.2601-40    |
|                          | 60x/0.80(S), W.D.=0.10mm                                                                                                                                                   |   |   |    |    | ○  | ○  | ○  | ○  | A52.2601-60    |
|                          | 100x/1.25(S, O), W.D.=0.07mm                                                                                                                                               |   |   |    |    | ●  | ●  | ○  | ○  | A52.2601-100   |
| Plan Objective           | 4x/0.1, W.D.=14.5mm                                                                                                                                                        |   |   |    |    | ○  | ○  | ●  | ●  | A52.2603-4     |
|                          | 10x/0.25, W.D.=5.65mm                                                                                                                                                      |   |   |    |    | ○  | ○  | ●  | ●  | A52.2603-10    |
|                          | 20x/0.40, W.D.=5.65mm                                                                                                                                                      |   |   |    |    | ○  | ○  | ○  | ○  | A52.2603-20    |
|                          | 40x/0.6(S), W.D.=0.85mm                                                                                                                                                    |   |   |    |    | ○  | ○  | ●  | ●  | A52.2603-40    |
|                          | 100x/1.25(S, O), W.D.=0.07mm                                                                                                                                               |   |   |    |    | ○  | ○  | ●  | ●  | A52.2603-100   |
| Working Stage            | Mechanical Stage Size 145×140mm, Travel Range 76×52mm, Scale 0.1mm, Double Slide Holder                                                                                    | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  | A54.2601-S04   |
|                          | Rackless (Integrated) Stage, Size 140×135mm, Travel Range 75×35mm, Double Slide Holder                                                                                     | ○ | ○ | ○  | ○  | ○  | ○  | ○  | ○  | A54.2601-S12   |
| Condenser                | Abbe Condenser N.A.1.25, Iris Diaphragm, Spiral Up/Down, With Filter Holder                                                                                                | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  | A56.2614-09    |
| Focusing                 | Coaxial Coarse & Fine Focusing, Coarse Focusing Travel Range: 25mm, Fine Focusing Scale 2μm/Division                                                                       | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  |                |
| Light Source             | 3W LED Illumination With Aspheric Collector<br>Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply For Outdoor Use | ● | ● | ●  | ●  | ●  | ●  | ●  | ●  | A56.2612-3W    |

|                                                                  |                                           |                                       |   |   |   |   |   |   |   |             |
|------------------------------------------------------------------|-------------------------------------------|---------------------------------------|---|---|---|---|---|---|---|-------------|
| Adapter                                                          | 1.0x C-Mount Focus Adjustable             |                                       | ○ |   | ○ |   | ○ |   | ○ | A55.2601-10 |
|                                                                  | 0.5x C-Mount Focus Adjustable             |                                       | ○ |   | ○ |   | ○ |   | ○ | A55.2601-05 |
|                                                                  | 0.75x C-Mount Focus Adjustable            |                                       | ○ |   | ○ |   | ○ |   | ○ | A55.2601-75 |
|                                                                  | Digital Eyepiece Adapter, Dia.23.2mm/25mm |                                       | ○ |   | ○ |   | ○ |   | ○ | A55.2610    |
|                                                                  | Dark Field                                | Dark Field Ring, For 4x~40x Objective | ○ | ○ | ○ | ○ | ○ | ○ | ○ | A5D.2611-B  |
| Polarizing                                                       | Analyzer + Polarizer Set                  | ○                                     | ○ | ○ | ○ | ○ | ○ | ○ | ○ | A5P.2601-B3 |
| Attachment                                                       | Wire Winding Device                       | ●                                     | ● | ● | ● | ● | ● | ● | ● | A50.2602    |
| Package                                                          | Carton Size 345×260×455mm, 1 Unit/Ctn     |                                       |   |   |   |   |   |   |   |             |
| Weight                                                           | Gross Weight 7.0kgs, Net Weigth 5.5kgs    |                                       |   |   |   |   |   |   |   |             |
| Note:"●"In Table Is Standard outfits,"○"Is Optional Accessories. |                                           |                                       |   |   |   |   |   |   |   |             |

## Product Size(mm)



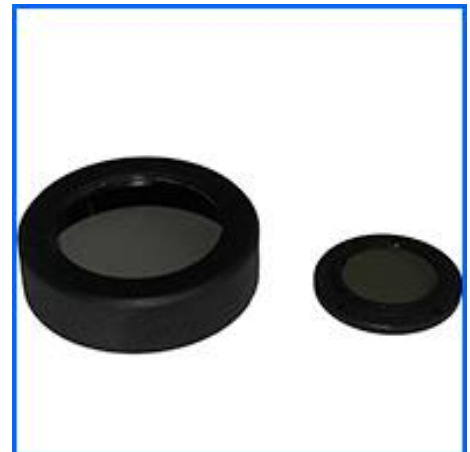
## Product Accessories



**A5D.2611-B**  
Dark Field Ring



**A52.2606-100W**  
100x Water Objective



**A5P.2601-B**  
Analyzer / Polarizer

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