

| | | RS-5000 | RS-500 | RS-300 | |
|-------------------------|--------------------------------|--|---|---|--|
| Microscope | Type | Galileo type | | | |
| | | 5 step drum rotation | | 3 step drum rotation | |
| | Conversion | 12 degrees | | — | |
| | Eyepieces | 12.5x | | 13.5x (18x optional) | |
| | Magnifications (Field of View) | 6.4x (37 mm) 10 x (23 mm) 16 x (14.6 mm) 25 x (9.5 mm) 40 x (5.9 mm) | | 10x (20mm) 16x (13mm) 25x (8mm) with 18x optional Eyepieces 13x (14mm) 21x (10mm) 33x (6mm) | |
| | Diopter Adjustment Range | ± 7D | | ± 5D | |
| | Pupillary Distance | 52 - 80mm | | 45 - 81mm | |
| | Filter | Yellow | | — | |
| Illumination System | Light Source | LED | | | |
| | Slit Width | 0 - 15 mm continuous | | | |
| | Slit Length | 0.5 - 15 mm continuous | — | | |
| | Slit Aperture Deameter | Φ0.2, Φ1, Φ3, Φ5, Φ8, Φ15mm | | | |
| | Slit Tilt | 5, 10, 15, 20° | — | | |
| | Filters | Selectable | Cobalt Blue, Heat absorption, Green(Red free), ND | Cobalt Blue, Heat absorption, Green(Red free) | |
| | | Regular Use | UV cut | — | |
| Background Illumination | Yes | optional | — | | |
| Movement | Up - Down | 30 mm | | | |
| | Right - Left | 100 mm | | | |
| | Forward - Backward | 100 mm | | | |
| | Fine Movement | Φ15 mm (by Joystick) | | | |
| | Chin-rest Up - Down | 80 mm | | | |
| Power | Power Voltage | AC 100 - 240 V , 50/60Hz | | | |
| | Power Consumption | 70 VA | 50 VA | | |
| Size | Weight | 16.5 kg | 15.0 kg | | |
| | Dimensions | 320mm(W) 450mm(D) 770mm(H) | 320mm(W) 420mm(D) 590mm(H) | | |
| DCS-700 Compatibility | | Yes | | No | |

Standard Accessories

- Dust Cover
- Chin-rest Paper
- Test Bar
- Diffuser*
- Base Plate

*RS-5000/500 only