

## *Current specifications*

### **Microscope configuration**

"Axio Observer.Z1" basic stand  
Z-drive operation, flat; left  
6-position objective nosepiece, H DIC M27 mot.  
1-position tube lens mount, fixed  
Sideport 60N L 80/R 100, 3 switching positions  
Path deflection to the tube  
Binocular tube 45°/23  
Eyepiece PL 10x/23 Br. foc.  
Eyepiece eyecup  
Reflected-light illuminator FL HD UV  
6-position reflector turret mot. for P&C modules

### **Transmitted-light configuration**

LD condenser 0.55 H, Ph1, Ph2, Ph3, DIC, DIC; 6 positions, mot.  
Interface for motorized condenser, incl. shutter  
Position recognition LCM for transmitted-light illumination carrier  
Carrier for transmitted-light illumination  
HAL 100 illuminator with quartz collector  
Bulb 12V 100W Halogen Rectangular Filament  
Neutral-density filter 0.25; d=32x2  
Neutral-density filter 0.06, d=32x2

### **Objectives**

Objective "Fluar" 5x/0.25 M27  
Objective "Fluar" 10x/0.5 M27  
Objective LD "Plan-Neofluar" 20x/0.4 Corr M27  
Objective LD "Plan-Neofluar" 40x/0.6 Corr M27  
Objective LD "Plan-Neofluar" 63x/0.75 Corr M27

### **Fluorescence equipment**

Illuminator HXP 120 C (D)  
Illumination adapter for light sources with light guide (D)  
Lightguide HXP 120 with liquid fill, 2m (D)  
Reflector module FL EC P&C  
Filter set 49 DAPI shift free  
EX G 365, BS FT 395, EM BP 445/50  
Filter set 44 FITC special, d=25 shift free  
Filter set 45 HQ TexasRed, d=25 shift free

Digital Microscopy Camera AxioCam ICc1 Rev.4 (O)  
Camera Adapter 60N-C 2/3" 0.63x  
High Resolution Microscopy Camera AxioCam MRm Rev. 3 FireWire (D)  
Camera Adapter 60N-C 1" 1.0x