Technical Specifications for Intravital Microscope

Basic Description	Description
Microscope type and Frame	Fixed stage upright microscope Microscope stand with nosepiece focus (stage remaining in a fixed position)
N.P. Arm	Nosepiece focusing arm
Adaptor	Fixed stage adapter
Bulb	Long-life 12V 100W halogen bulb (pre-centred) with an average life of at least 2,000 hrs quantity three
Power Supply	External Power supply
Hand Switch	Hand switch for light intensity control
Cable	Extension cable for halogen lamp housing
Cor	Power cord
Nosepiece	Swinging motion nosepiece for two objectives without any interference for electrodes or manipulator. Vibration-free counter spring mechanism. Coarse & fine focus knobs per stroke per rotation. Coarse lower limit stopper mechanism & Torque adjustment mechanism
TR Head	Trinocular tube with 3-way light path distribution for simultaneous observation & imaging.
Stage	A mechanical stage for the microscope
Plan SemiApo 4X	U plan semi apochromatic objective 4X/0.13, WD around 17
Plan SemiApo 10X	U Plan Semi Apochromatic objective 10X/0.3, WD around 10
Eyepiece	Wide field eyepiece 10X, focusable
Halogen Lamp House	Lamp house for 12V 100W halogen with connecting cable.
Condenser	Swing out achromatic condenser NA around 0.9 for 1.25X-100X magnification
Fluorescence Turret, minimum 6 position	Universal reflected light illuminator with field stop and aperture stop, including 6-position mirror unit cassette, UV protective shield, shield plate, Allen wrench and indication plate.
ND Filter	Neutral density filter 6
ND Filter	Neutral density filter 50

FL Lamp House	Lamp house for 100W mercury burner with collector lens and connecting cable
FL Burner	100W mercury bulb quantity two
FL Power Supply	Power supply unit for Mercury lamp meeting international regulation
Cord	Power cord
Shutter	Reflected light shutter
Green FL Filter	Mirror unit for fluorescence microscopy, wideband interference green excitation, with exciter filter, dichroic beam splitter and barrier filter, including plastic case.
Dual Adaptor	Dual lamp house adaptor for mounting two lamp houses simultaneously
Beam splitter	50:50 % beam splitter
	Around 0.63X c-mount adaptor
Warranty:	The standard warranty for three years.