

# System Configuration

Microscope model:

LMD7000

Objectives:

HC PL FL 10x/0.30 Dry, WD 11.0 mm, No: 11506505

HCX PL FL L 20x/0.40 CORR, WD 6.9 mm, No: 11506242

HCX PL FL L 40x/0.60 CORR XT, WD 3.3-1.9 mm, No: 11506208

Source of light:

EL6000 external light for fluorescence excitation

Filter cube:

LMD-BGR, triple band filter RGB for cutting and observation, No:11513911

Camera:

LMD CC7000, color, 1.2 Megapixel resolution, No: 11501478

Motorized:

Stage, objective turret

---

## Available Techniques

Fluorescence imaging

Image stitching

---

## General Description

**The Leica LMD7000 is the laser microdissection system of choice for contact and contaminationfree dissection and specimen collection simply by gravity. The Leica LMD6500 uses optics to guide the laser beam for the highest cutting speed and precision of the laser, independent of the stage. The maintenancefree, longlife, diodepumped solid state laser (355 nm) is freely adjustable for many types of specimens USING the following parameters: Laser aperture, Laser offset and Laser power with a minimum pulse energy of 70  $\mu$ J.**