**Leica DMi8 WF**

Inverted widefield fluorescence microscope equipped with epifluorescence lamp and EM-CCD camera.

**Application**

* Fast and multi-color widefield imaging
* Various measurement options: z-stack, time series, tile scan, multi positions
* Brightfield and DIC microscopy

**Microscope**

An inverted widefield microscope Dmi8 with motorized microscope stage, transmitted light LED U-12V, and following units:

|  |  |
| --- | --- |
| Software | **LAS-X** |
| Epifluorescence lamp | CoolLED pE-300 |
| Filter turret | |  |  |  |  | | --- | --- | --- | --- | | **DAPI** | 325-375 | 400 | 435-485 | | **FITC** | 460-500 | 505 | 512-542 | | **RHOD** | 541-551 | 560 | 565-605 | | **CY5** | 537-583 | 660 | 662-738 | | **Analyser** |  |  |  | |
| Objectives | HC PL FLUOTAR 10x, NA 0.30, WD 11 mm  HC PL FLUOTAR L 20x, NA 0.40, WD 6.9 mm  HC PL FLUOTAR L 40x, NA 0.60, WD 3.3 mm  HC PL APO 63x Oil, NA 1.4, WD 0.14 mm, DIC |
| Detection | **EM CCD Andor iXon Ultra DU897** (Andor Technologies)   * 512x512 pixels * pixel size: 16x16 μm * frame rate 56 fps for 512x512 pixels |