

Technical Specifications – CoolSnap Fx monocroma

- **Objetives:**

- 5X/0.16 Plan-Neofluar. Brightfield (I/H) and Darkfield (D)
- 10X/0.3 Plan-Neofluar. Brightfield (I/H) and Darkfield (D)
- 20X/0.8 Plan-Apochromat. Brightfield (I/H) and Nomarski (DICII)
- 40X/1.3 Plan-Neofluar. Brightfield (I/H), Phase contrast (Ph3) and Nomarski (DICIII)
- 63X/1.4 Plan-Apochromat. Brightfield (I/H) and Nomarski (DICII)
- 100x/1.3 Plan-Neofluar. Brightfield (I/H)

- **Other Objectives to be requested:**

- 2,5x/0.075 Plan-Neofluar. Brightfield (H)
- 20x (**dipping**) / 0.5 N-Achroplan. Brightfield (H) and Nomarski (DIC II)
- 40x (**dipping**) / 1.0 Plan-Apochromat. Brightfield (H) and Nomarski (DIC III)
- 63x (**dipping**) / 1.0 Plan-Apochromat. Brightfield (H) and Nomarski (DIC III)

- **Fluorescence Filters.**

- DAPI/Hoescht (BP365 FT395 BP 420-470) [Set 49 Zeiss](#)
- CFP (BP 424-448 FT 455 BP 460-500) [Set 47 HE Zeiss](#)
- FITC/GFP/Alexa 488 (BP 450-490 FT 495 BP 500-550) [Set 38 Zeiss](#)
- Cy3/Rhodamine/TexasRed/Alexa 555 and 594 (BP 533-548 FT570 BP 5790-640) [Set 43 Zeiss](#)
- Cy5/Alexa 647 (BP590-650 Q660LP HQ665LP)

- **Optics:** Brightfield, Phase Contrast, Nomarski and Fluorescence

- **Camera:** [Coolsnap FX monocroma](#) (Roper Scientific)

- **Software:** Micromanager