

## Specifications Tissuefaxes microscope

STAND: Zeiss AxioObserver Z1

### OBJECTIVES

- Zeiss- EC "Plan-Neofluar" 2.5x/0.075 Dry
- Zeiss- EC "Plan-Neofluar" 10x/0,3 Dry, Ph1
- Zeiss- LD "Plan-Neofluar" 20x/0,4 Corr Dry, Ph2
- Zeiss- EC "Plan-Neofluar" 40x/1,30 Oil, DIC
- Zeiss- "Plan-Apochromat" 63x/1,40 Oil, DIC
- Zeiss -LD "Plan-Neofluar" 40x /0,6 DIC

### FILTER SETS

- Zeiss-filter set 47 CFP shift free voor FRET
- Zeiss-filter set 46 YFP shift free voor FRET
- Zeiss-filter set 48 CFP/YFP shift free voor FRET
- Zeiss Bleach Set 01 YFP voor FRET
- Chroma ET Dapi-filter set
- Chroma ET FITC/GFP-filter set
- Chroma ET CY3-filter set
- Chroma ET Cy5-filter set
- Chroma Far infrared filter IR Dye 800

### DETECTION

- Monochrome camera system *PCO Pixelfly II* 1.4 Megapixels
- CMOS-color camera *PL-B623 Pixelink* 3.1 Megapixels

### STAGE / INCUBATION

- Temp, CO<sub>2</sub>, O<sub>2</sub> controlled environment via Pecon Lab-Tek insert
- ultra precise automated Märzhäuser object table
- inserts for 12 separate slides or one multi (6 or 96) well plate
- pre-programmed for TMA analysis

### SOFTWARE

- TissueFaxes acquisition software
- TissueQuest fluorescence analysis software (on separate workstation)
- HistoQuest histology analysis software (on separate workstation)

