

Nikon TS2-FL (TC1 Fluorescence Microscope)

This inverted microscope is located in TC1 to check fluorescent samples without needing to leave the room, for example viral transductions. TC1 is designed for primary human cultures not tested for any known human pathogens, viral work, parasite work and Mycoplasma status positive cell lines undergoing treatment. The TS2-FL is intended as an easy sample checking, non-quantitative system.





Features

- Long working distance objectives for plastic tissue culture plates
- Fluorescence and Brightfield Colour imaging
- Phase contrast for all objectives
- High resolution camera: Kopa WiFi CAM TS2

Objective Lenses

- 4x N.A. 0.13 PlanFluorDryPh
- 10x N.A. 0.30 PlanFluorDryPh
- 20x N.A. 0.45 SuperPlanFluorDryPh
- 40x N.A. 0.6 SuperPlanFluorDryPh

Excitation and Emission

Filter #	Excitation	Filter Cube	Fluorophores
2	470nm LED 	C-LED470 Epi-FL Filter Cube 	GFP, FITC, Atx488
3	560nm LED 	C-LED560 Epi-FL Filter Cube 	mCherry, RFP, Atx561