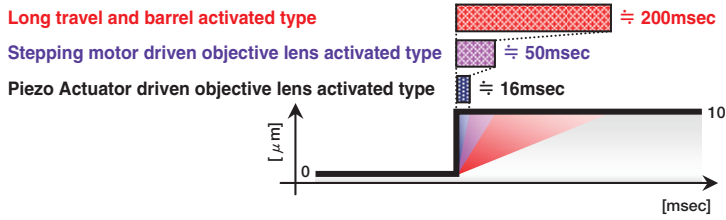
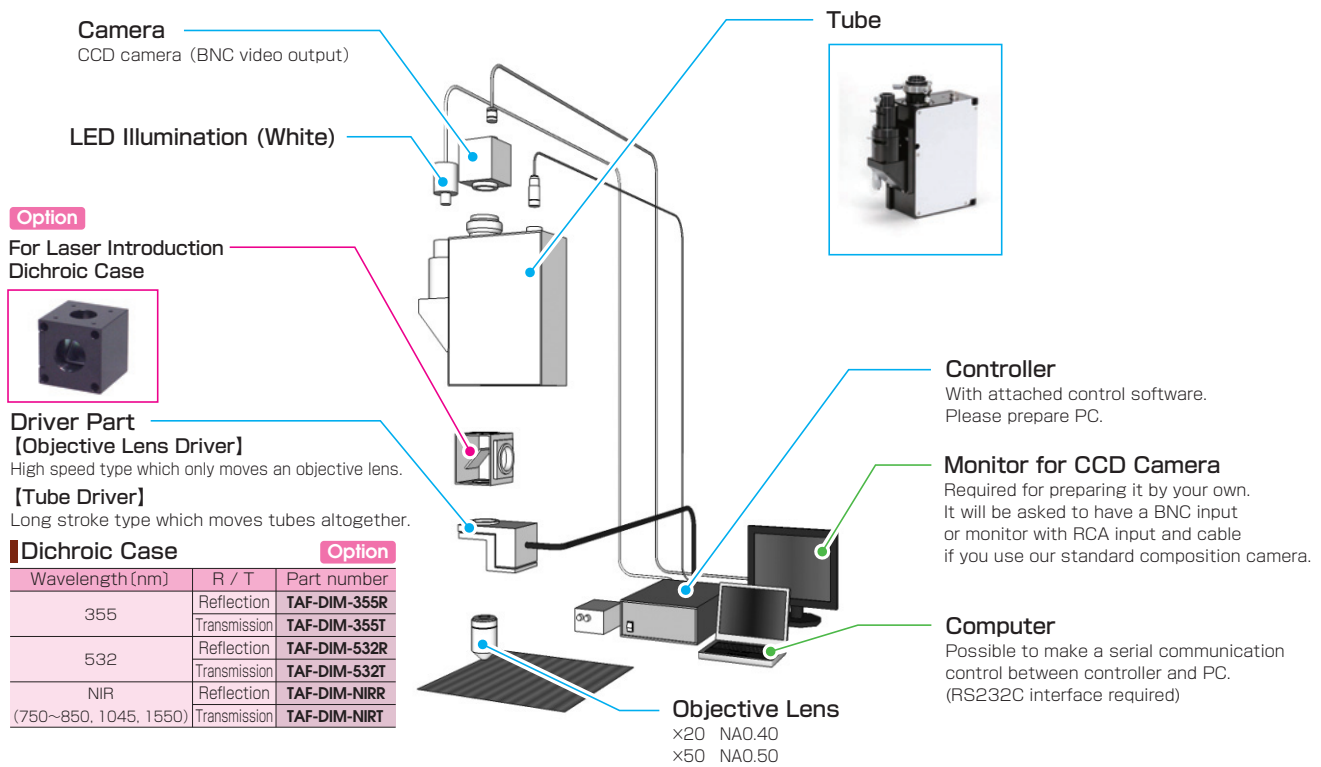


High-speed Focusing (Company Product Comparison)

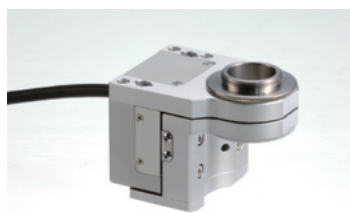


The figure shows time required for focusing for "Long travel and barrel activated type", which drives whole auto-focusing unit and "Stepping motor driven objective lens activated type" and "Piezo Actuator driven objective lens activated type", which only drive objective lens.

TAF series System Diagram



Actuator for Objective Lens



Stepping Motor type

- Standard System**
[Stepping Motor type]
- Travel $\pm 1.5\text{mm}$
 - Resolution
- High-speed System**
[Piezo Actuators type]
- Travel $\pm 40\ \mu\text{m}$
 - Resolution $0.01\ \mu\text{m}$

Example of Application : Auto-focusing Microscope



POST-H System : Controlling XY table by motorized stage