Reikan FoCal

Setup Checklist

Tick off each step before a calibration or a Kit Health Check.

ENVIRONMENT

- ☐ Choose a location with a solid floor.
- ☐ Attach the target firmly to a vertical wall, at about the height of the camera lens.
- ☐ Light the target well, with a steady light source.
- ☐ Mount the camera on a solid, sturdy tripod (for a large lens, mount the lens by its tripod collar).
- ☐ Set the distance to the target with **Target Distance** on FoCal's **Help** menu.
- ☐ Connect the camera to the computer with a good-quality USB cable, without extension cables.

CAMERA AND LENS

- ☐ Charge the camera battery to at least half (over 50%).
- ☐ Remove any battery grip.
- ☐ Aim the centre focus point at roughly the middle of the FoCal target.
- ☐ DSLR only: cover the eyepiece.
- ☐ Set the lens to **AF** (autofocus).
- ☐ Turn off the lens's focus limiter, if it has one.
- ☐ Turn off image stabilisation on the lens and in the camera, if fitted.

CAMERA SETTINGS

- ☐ Set the camera to photo mode, not video.
- ☐ Turn off the camera's Wi-Fi, if it has it.
- ☐ Canon: if “Shoot w/o card” is disabled, put a formatted memory card with free space in the camera.
- ☐ Nikon: if “No shutter release without card” is enabled, put a formatted memory card with free space in the camera.
- ☐ Nikon cameras from before 2009: set Live View Mode in the Shooting menu to Tripod.
- ☐ Where available, remove any limits on AE mode, aperture, shutter speed, ISO, exposure compensation and focus modes.
- ☐ Set **Aperture Priority** mode.
- ☐ Select single autofocus mode and single-point AF, and choose the centre focus point.

FINALLY, IN FOCAL

- ☐ Run **Target Setup** (**Camera** menu) and check the results before you calibrate.

*These settings are for calibration and most tests. The Stabilisation Test is different: it needs **M** mode, and FoCal asks you to switch stabilisation on and off as it runs.*

Why each step matters: www.reikanfocal.com/checklist