

BIOSAFETY CABINET & FLUIDS CHECK

- Turn Biosafety Cabinet's main blower ON
- Optional: Turn AMS blower ON
- Fill up Sheath tank to 10L (do not over-fill)
- Empty Waste tank & check other fluids as needed

SORT CHAMBER & AIR SUPPLY

- Wipe down/de-static Sort Chamber surfaces
- Clean deflection plates & side-stream windows
- Remove any collection holders from the chamber
- Power on Air Compressor / Turn on In-house Air
- Turn blue in-line air switch to ON position

INSTRUMENT & SOFTWARE START-UP

- Power on MA900 until STANDBY is displayed
- Power on PC, Windows log-in
- Initialize Cell Sorter Software
- Optional: Click Maintenance Button for additional maintenance & preventative actions
- Log-in & scan QR code of the Sorting Chip

LOAD SORTING CHIP & AUTO-CALIBRATE

- Follow the wizard to load the Sorting Chip
- Check sample line & stream as instructed
- Best Practice: De-bubble Sheath Filter
- Mount 1 mL of fresh, undiluted, well-mixed Sony automatic set-up beads
- Allow auto-calibration to complete

QC & SAMPLE SORTING

- Optional: Perform Daily & Performance QC
- Optional: Clean the sample path
- Sort samples into tubes/plates
- Perform Bleach/DI Rinse for the next user
- Alternatively, enter Shutdown Wizard

SHUT-DOWN

- Under Cytometer tab, enter Shutdown Wizard to perform Bleach cleaning & Shutdown Rinse
- Click Shutdown to power off MA900
- Best Practice: Empty waste & clean Sort Chamber
- Turn off air supply

