LSR II Tutorial Checklist

<u>Working in the flow unit:</u>

- No food or beverages are allowed except for closed bottles
- The workstation should be left clean and organized
- Ensure you take your belongings, such as articles, protocols, experiment layout, etc.
- Instructions on the reservation system and working with the KIOSK
- REGISTRATION FORM, Reservation and registration, Safety Instructions, Shadow protocol.

Kiosk

☐ Sign in before starting work (verify budget)

☐ Sign out after finishing work

☐ If you have a tutorial, sign up for both sessions

☐ Verify that the next user is coming (after working hours)

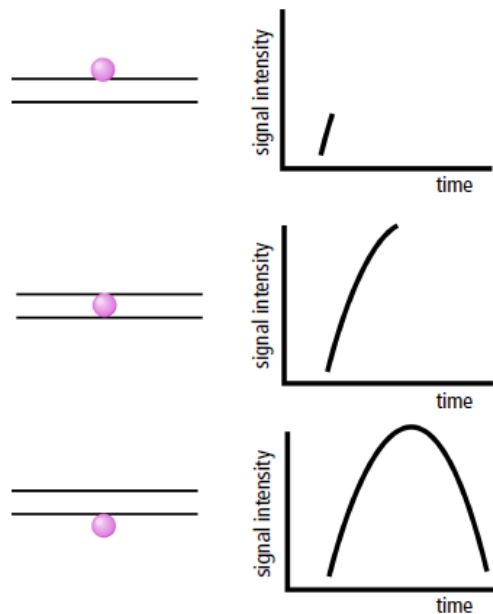## Machine

☐ Turn on/off procedure

☐ Cleaning machine

☐ Read sample (overwrite and append)

☐ UV laser and HTS (optional)

☐ Turn off LSR if the next user has more than 2 hours until their session

Diva

☐ Experiment duplication

☐ Area, Width, and Height

☐ Adjust voltage

☐ Graphs and Gates

☐ Gates

☐ Record mode (storage gate and stopping gate)

☐ Compensation (optional)

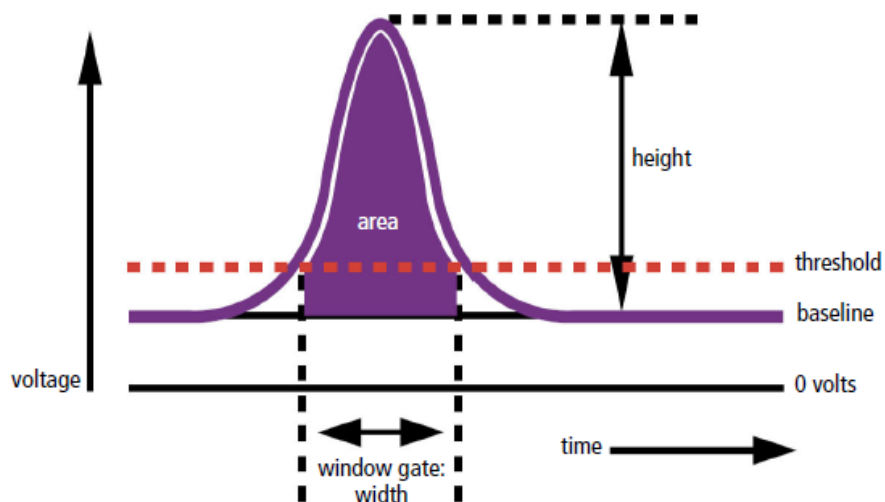☐ Export data and access data (Responsibility of the data – by the user !!!)

Figure A-10 Anatomy of a pulse

Pulse Measurements

The pulse processors measure pulses by three characteristics: height, area, and width.

Figure A-11 Pulse measurements

- Pulse height is the maximum digitized intensity measured for the pulse.

- Pulse area is an integration of the digitized measures over time.

- Pulse width calculates: $\frac{area}{height}$ x 64,000