

LUNA-STEM™

Automated Fluorescence Cell Counter

Quick
Start
Guide

This Quick Start Guide provides instructions for using the LUNA-STEM™ with Acridine Orange/Propidium Iodide Stain.

For detailed instructions, please refer to the user manual in the supplied USB drive.

1. Prepare & load your sample.

- Mix 18 μL sample with 2 μL Acridine Orange/Propidium Iodide Stain.
- Load 10-12 μL mixture into the chamber of a PhotonSlide™ or a LUNA™ Reusable Slide.



2. Turn on the LUNA-STEM™ and insert the slide.

- Insert the slide completely into the slide port of the counter.



3. Count cells.

- In brightfield mode, use the focus knob to focus.
- Make sure that the cells have settled down before pressing **Count**.
- Press **Count** to start cell counting.



4. View and save results.

- Press **Save/Print** to save or print results.
- Press **Graph** for cell size gating.

