Business Purpose	This project is sponsored by the Field Applications manager at a company that manufactures instruments for molecular biology laboratories. The manager has repeatedly heard from customers that, while the in-person instrument training is good, they would benefit from having access to a static version of the training a) as a reference document, b) for laboratory staff who were unable to attend the in-person training, and c) to train new scientists who begin working at the lab after the in-person training has already been completed. The Field Applications manager would like to begin with an eLearning module for the Sonora sonicator and the SymphonX software used to operate it. Depending on how that goes and how it is received by customers, he may seek to commission similar modules for the other instruments his company manufactures.
Target Audiences	• Laboratory staff who will use the Sonora sonicator and SymphonX software during the course of their normal laboratory activities • Laboratory manager and Quality Assurance staff, who will write standard operating procedures and internal maintenance instructions for the instrument.
Training Time	Approximately 30 minutes to cover all four learning objectives and knowledge checks, as well as the final graded quiz.
Training Recommendation	Customers have specifically requested an asynchronous learning tool, so either Rise or Storyline would be acceptable. However, the sponsor has pointed out that his company's instruments and software are updated frequently. Although most of these updates are minor, they can be very important and must be captured in any training tool that will be distributed to customers. Therefore, Rise would be the better option due to its nature as a web-based and highly-configurable eLearning tool. The most common expected use case for this module is as a brief training or refresher immediately before a laboratory scientist must use the Sonora and SymphonX, i.e. just-in-time learning. The module itself will be located on the sponsor's company's website and a shortcut to it can be added to the desktop of the laptop computer that is included with the Sonora.
Deliverables	Module 1 deliverables will include: • Rise eLearning course
Learning Objectives	• Setting up the Sonora sonicator • Using SymphonX software to operate the Sonora • Preparing and starting your first sample run on the Sonora • Maintaining the Sonora
Training Outline	• Welcome

- - - Let's Get Started (Learning Objectives)
    - UltraSonX Lab Solutions, LLC
    - Ultrasonics is a Type of Ulrasound
    [Knowledge check]
  - Setting Up the Sonora Sonicator
    - How Will You Locate the Sonora?
      - Stand-alone Mode
      - Integrated on a Liquid Handler
    - Initializing the Sonora
    [Knowledge check]
  - Using SymphonX Software to Operate the Sonora
    - Method Tab
    - How Do the Other Tabs Control the Sonora?
      - What Does Each Tab Do?
      - When Will You Use the Other Tabs?
    [Knowledge check]
  - Preparing and Starting Your First Sample Run on the Sonora
    - Maintaining the Sonora
    - General Cleaning
    - Transducer
    - Water Bath
    - Monthly NaDCC Wash
    - Water Conditioning System
    - Cooling Air Intake
    - When Not In Use
  - Maintaining the Sonora
  - Graded quiz (see below for details)
  - Course Summary

Assessment Plan	5-question graded quiz - Questions are multiple choice, matching, ordering, and select all that apply - Must receive score of 80% or higher to pass - Learner may re-take quiz as many times as they need to pass