



Reichert UNISTAT® Bilirubinometer - Quick Start Guide:

- ◆ Install instrument on a hard level surface.
- ◆ Power on – switch located on back of instrument.
- ◆ Display screen will indicate software revision # and “LLL” indicating system check.
- ◆ Allow instrument to warm up for 5 minutes.
- ◆ After warm up, proceed to calibrate instrument.
- ◆ To begin calibration cycle, depress and hold the START button until “ccc” appears on the display.
- ◆ Release the START button.
- ◆ Display will flash value of the calibration cuvette (instrument is set with the value of its calibration cuvette at the factory).
- ◆ The top of the calibration cuvette is labeled with its value.
- ◆ Open black cover and insert specified calibration cuvette into sample carrier until widest portion of cuvette is seated. Close cover.
- ◆ Depress and release the START button. Instrument begins calibration.
- ◆ When calibration cuvette returns to its original position, calibration cycle ends.
- ◆ Remove calibration cuvette from sample carrier.
- ◆ Instrument ready for patient samples.
- ◆ Using pipette or syringe, completely fill the sample cuvette with serum.
- ◆ Not necessary to measure serum, for cuvette holds approx. 20uL of serum.
- ◆ Open black cover, insert sample cuvette in same manner as the calibration cuvette.
- ◆ Close cover and depress the START button. There will be a 2 second delay for lamp to come to equilibrium.
- ◆ Sample carrier will automatically rotate to position cuvette into light path for measurement.
- ◆ After a short pause, bilirubin concentration will be displayed.
- ◆ After 15 seconds, the measurement cycle will be complete, and carrier will return cuvette back to the loading position.
- ◆ Remove cuvette.
- ◆ The display will show the bilirubin value for approximately 10 seconds, then clear.