

## TECO DIAGNOSTICS



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### Calibrating the TC-101.

This should be performed once a month or every 500 patient samples to ensure the wavelengths are read correctly by the photo-optical lens within the machine. In many cases the machine will self calibrate itself out of range if it is not calibrated and maintained properly over the lifetime of the machine.

#### **Making Sure the Wavelengths are Correct**

1. Turn on Machine
2. Press "YES" to go to main menu
3. Hold the "UP" Button
4. Press "YES"
5. An wavelength screen will appear with wave lengths of 550, 620, 720, and 525
6. All values should be around the same wavelength of 400 - 600 nm (With No Test Strip Inside TC-101)

#### **If the wavelength is above/below 400 – 600 nm**

1. Press the "DOWN/UP" button slowly until the reading is under 400 – 600 nm

#### **NOW TEST A BLANK WHITE STRIP (Use the back of any URS-10 Strip)**

1. Start at Main Menu Screen again
2. Place a URS-10 Strip face down so the white backing is showing
3. Hold the "UP" Button
4. Press "YES"
5. An wavelength screen will appear
6. The value should fluctuate but stay above 4500 (With a white test strip inside)

#### **If the AutoTest is above/below 4500**

1. Press the "DOWN/UP" button slowly until the reading is over 4500