

I-PEN[®]

Osmolarity System

FOR QUANTITATIVE
MEASUREMENT OF OSMOLARITY
OF OCULAR TISSUES



Instructions for Use



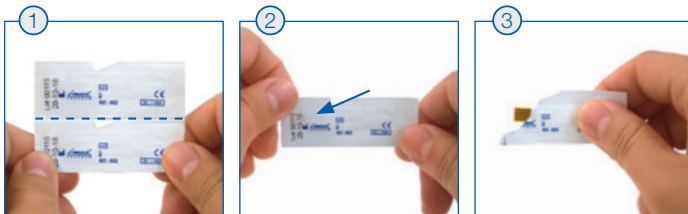
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REMOVE THE SINGLE USE SENSOR FROM PACKAGE

1. Tear along the dotted line to separate the attached ①, wrapped Single Use Sensors.
2. Grasping the bottom firmly with one hand ②, with the other tear in the direction of the pre-cut section to expose the end of the Single Use Sensor ③ to be inserted into the i-Pen[®] device.



INSERT THE SINGLE USE SENSOR

First ① remove the unit cover, then ② insert the disposable Single Use Sensor and DO NOT TOUCH THE GOLD NODES or the tip - sterile

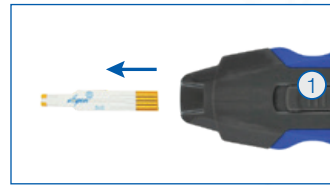


TAKING A READING



- 1 Ask the patient to gently squeeze their eyelids shut for 30-60 seconds prior to taking a reading.
- 2 Position the tip of the disposable Single Use Sensor just above the lower eyelid with the LCD screen facing upwards.
- 3 Turn on the i-Pen[®] as indicated by pressing the main button.
- 4 Approach at a 30-45 degree angle from horizontal and gently lower the end of the Single User Sensor on to the conjunctiva on the inside of the lower eyelid.
- 5 When correctly placed, the tip of the Single Use Sensor should be depressing the surface slightly so that both gold nodes are in good contact with the conjunctiva.
- 6 The i-Pen[®] will make an audible beep after several seconds and display the reading on the LCD screen.

EJECT THE SINGLE USE SENSOR



- ① Push the Ejector button and the Single Use Sensor will be ejected.

You may now discard the Single Use Sensor.

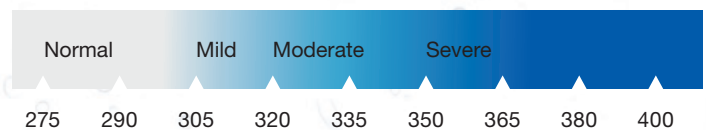


The LCD will display a test result.

EXPECTED RESULTS

i-Pen[®] test results are displayed on the LCD in units of mOsm/L. No calculations are required. The illustration below shows some typical test results and their possible interpretation. All such interpretation is subject to the review of the physician or other medical professional.

DRY EYE SEVERITY SCALE



REFERENCE TEAR OSMOLARITY VALUES

| | Range of Values | Mean Value |
|---------------------------------|-----------------|------------|
| Normal Patients | 275-316 mOsm/Lw | 300 mOsm/L |
| Dry Eye Disease Patients | >300 mOsm/L | 327 mOsm/L |

QUESTIONS? COMMENTS?

Customer satisfaction is an I-MED Pharma Inc. priority. To help us in providing you with the best possible product and support, please send us your comments and suggestions.



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