**TONOPACHY™ NT-530P Specifications**

**Non contact tonometer**
- **Measurement range**: 1 to 60 mmHg
- **APC40, APC60 (APC=Automatic Puff Control), 40, 60**
- **Working distance**: 11 mm
- **Eye fixation**: Inner fixation light

**Non contact pachymeter**
- **Measurement range**: 150 to 1300 μm
- **Light source**: Blue LED
- **IOP compensation by corneal thickness**: Automatic calculation
- **Auto tracking / Auto shot**: X-Y-Z direction
- **Auto shot**: Available
- **Display**: Tiltable 5.7-inch color LCD
- **Printer**: Thermal line printer with easy loading and auto cutter
- **Interface**: RS-232C, LAN, USB
- **Power supply**: AC 100 to 240 V, 50 / 60 Hz
- **Power consumption**: 100 W
- **Dimensions / Mass**: 240 (W) x 481 (D) x 474 (H) mm / 20 kg
  16.2 (W) x 18.9 (D) x 18.7 (H) " / 44 lbs.

Specifications may vary depending on circumstances in each country. Specifications and design are subject to change without notice.
Non Contact Tono / Pachymeter

TONOPACHY™ NT-530P

Enhanced Combination System

Succeeding the TONOREF™ II, Auto Ref / Kerato / Tonometer, NIDEK realizes the enhanced combination system again in the TONOPACHY™ NT-530P, the unique model combining Non Contact Tonometer and Pachymeter in one unit.

- **Auto and Non Contact Pachymeter**
  Taking an advantage of the principle of Scheimpflug camera, the TONOPACHY™ NT-530P provides non contact measurement of patient's central corneal thickness. With its smart 3-D auto tracking and auto shot, the TONOPACHY™ NT-530P allows safe, easy, and accurate measurement on the Pachymeter.

- **Automatic Calculation of Compensated IOP**
  The TONOPACHY™ NT-530P provides the automatic calculation function of the compensated IOP based on the central corneal thickness. This value can be used for the reference with consideration of patient's corneal thickness.

- **Softer and Quieter Air Puff**
  The NIDEK innovative technology enhances APC (Automatic Puff Control) to the next stage. It reduces the noise and air intensity. With the enhanced APC, the TONOPACHY™ NT-530P achieves a softer and quieter air puff than ever, which allows the patient's more comfort.

- **3-D Auto Tracking, Auto Shot, and Auto Complete**
  Based on a long experience in developing examination equipment, NIDEK incorporates the unique auto complete in the Non Contact Tonometer. In the AI (Artificial Intelligence) mode, the TONOPACHY™ NT-530P automatically detects the most appropriate value and completes the measurement. The combination of auto complete with the world renowned 3-D auto tracking and auto shot provides the operator with the most ease, comfort, and accuracy on all measurements.
Non Contact Tono / Pachymeter

TONOPACHY™ NT-530P

Enhanced Combination System

Succeeding the TONOREF™ II, Auto Ref / Kerato / Tonometer, NIDEK realizes the enhanced combination system again in the TONOPACHY™ NT-530P, the unique model combining Non Contact Tonometer and Pachymeter in one unit.

- **Auto and Non Contact Pachymeter**
  Taking an advantage of the principle of Scheimpflug camera, the TONOPACHY™ NT-530P provides non contact measurement of patient’s central corneal thickness. With its smart 3-D auto tracking and auto shot, the TONOPACHY™ NT-530P allows safe, easy, and accurate measurement on the Pachymeter.

- **Automatic Calculation of Compensated IOP**
  The TONOPACHY™ NT-530P provides the automatic calculation function of the compensated IOP based on the central corneal thickness. This value can be used for the reference with consideration of patient’s corneal thickness.

- **Softer and Quieter Air Puff**
  The NIDEK innovative technology enhances APC (Automatic Puff Control) to the next stage. It reduces the noise and air intensity. With the enhanced APC, the TONOPACHY™ NT-530P achieves a softer and quieter air puff than ever, which allows the patient’s more comfort.

- **3-D Auto Tracking, Auto Shot, and Auto Complete**
  Based on a long experience in developing examination equipment, NIDEK incorporates the unique auto complete in the Non Contact Tonometer. In the AI (Artificial Intelligence) mode, the TONOPACHY™ NT-530P automatically detects the most appropriate value and completes the measurement. The combination of auto complete with the world renowned 3-D auto tracking and auto shot provides the operator with the most ease, comfort, and accuracy on all measurements.

<table>
<thead>
<tr>
<th>Pressure Level</th>
<th>Time</th>
<th>Patient IOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without APC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>With APC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Non contact tonometer

Measurement range
1 to 60 mmHg

Working distance
11 mm

Eye fixation
Inner fixation light

IOP compensation by corneal thickness
Automatic calculation

Auto tracking / Auto shot
X, Y, Z directions
Auto shot

Auto complete
Available

Display
10.2 (W) x 18.9 (D) x 18.7 (H)” / 44 lbs.

Printer
Thermal line printer with easy loading and auto cutter

Interface
RS-232C, LAN, USB

Power supply
AC 100 to 240 V, 50 / 60 Hz

Power consumption
100 VA

Dimensions / Mass
260 (W) x 481 (D) x 474 (H) mm / 20 kg
10.2 (W) x 18.9 (D) x 18.7 (H)” / 44 lbs.