## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle of coverage</td>
<td>45°</td>
</tr>
<tr>
<td>Working distance</td>
<td>40.7 mm</td>
</tr>
<tr>
<td>Pupil diameter for photography</td>
<td>4.0 mm or more</td>
</tr>
<tr>
<td></td>
<td>3.5 mm or more when the small pupil diaphragm is used</td>
</tr>
<tr>
<td>Type of photography</td>
<td>Colour photography and red-free photography</td>
</tr>
<tr>
<td>Patient dioptric correction range</td>
<td>Without correction lens: -3D to +3D (where split lines are used)</td>
</tr>
<tr>
<td></td>
<td>With minus correction lens: -2D to +2D</td>
</tr>
<tr>
<td></td>
<td>With plus correction lens: +2D to +4D</td>
</tr>
<tr>
<td>Auxiliary function for photography</td>
<td>Auto focus function</td>
</tr>
<tr>
<td></td>
<td>(Gives only in the split line working range. This can be turned ON/OFF.)</td>
</tr>
<tr>
<td>Internal Fixation Target</td>
<td>Center/Periphery</td>
</tr>
<tr>
<td></td>
<td>Right/Left eye automatic detection</td>
</tr>
<tr>
<td></td>
<td>Optional position presetting function</td>
</tr>
<tr>
<td>Base movement</td>
<td>Back: Forward 44 mm, Right: Left 100 mm, Up: Down 50 mm</td>
</tr>
<tr>
<td>Chin rest movement</td>
<td>67 mm</td>
</tr>
<tr>
<td>Power source</td>
<td>Frequency 50/60Hz Voltage AC 110, 220, 230, 240V selectable</td>
</tr>
<tr>
<td>Weight</td>
<td>24.5 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>272(W) X 505(D) X 530(D) mm</td>
</tr>
<tr>
<td>Power consumption</td>
<td>400W (Maximum 300W)</td>
</tr>
</tbody>
</table>

Subject to change in design and specifications without advance notice

**IMPORTANT**

Alignment to comply the best result with this instrument.

*Please be sure to review all instructions prior to operation.*
Perfection for the Professionals...

TRC-NW8

Topcon prides itself on being the leading ophthalmic camera manufacturer in the world and has been producing cameras since 1931. With this wealth of experience comes an obvious surprise that when looking to procure a successor to the very popular TRC-NW5, probably the most widely used non-mydriatic camera in the world, Topcon used its vast experience in Optical/Mechanical & Software engineering to come up with a camera that would be far ahead of the competition in terms of useful functionality and would allow for consistently good quality of imaging while at the same time allowing for faster capture. TRC-NW8 we feel will become the professional’s first choice of non-mydriatic Fundus camera. Topcon...producers of professional equipment for the Professional.

High Quality Image

- True Optical Red Free Photography
- Auto Smart Pupil Detection
- Quality of Image is crucial as well as durability
- Lower Flash Intensity
- Aesthetic Design

For more professional, Topcon provides advanced solutions for image acquisition.

Topcon has for many decades been at the forefront of providing software solutions to maximize the efficiency of its cameras and offers the professionals’ suite of the most modern and easy to use software options, almost at improving efficiency.

• IMAGE Eyes
  - Comprehensive software for capturing and managing images. TRC-NW8 software manages the full life of the TRC-NW8 and digital imaging solutions for clinical evaluations.
  - NW8 Capture
    - NW8 Capture converts images into digital format, making them easy to store and share.
  - NW8 Viewer
    - NW8 Viewer provides a convenient way to view and analyze digital images.
• Direct Print Out
  - Direct Print Out allows for the easy printing of digital images, which can be quickly shared with colleagues or patients.
• Direct Print Out
  - Direct Print Out allows for the easy printing of digital images, which can be quickly shared with colleagues or patients.
Perfection for the Professionals...

Topcon prides itself on being the leading ophthalmic camera manufacturer in the world and has been producing cameras since 1953. With this wealth of experience it comes as no surprise that when looking to purchase a successor to the very popular TRC-NW8, probably the most sold non-mydriatic camera in the world, Topcon used its vast experience in Optical/Mechanical & Software engineering to come up with a camera that would be far ahead of the competition in terms of useful functionality and would allow for consistently good quality of imaging while at the same time allowing for quick capture.

TRC-NW8 we feel will become the professionals' first choice of non-mydriatic Fundus camera.

Topcon...producer of professional equipment for the professionals.

High Quality Image

- True Optical Red Free Photography
- Auto Smart Pupil Detection
- Quality of Image is crucial as well as durability
- Lower Flash Intensity
- Aesthetic Design

For more professional, Topcon provides advanced solutions for image acquisition.

Topcon has for many decades been at the forefront of providing software solutions to maximize the efficiency of its cameras and today offer the professional side of the model and easy to use software options, aimed at improving efficiency, convenience and productivity.

For more information, please visit our website.
Topcon prides itself on being the leadingophthalmic biomicroscope manufacturer in the world and has been producing cameras since 1993. With this wealth of experience comes no surprise that when looking to produce a successor to the very popular TRC-NW3, probably the most sold non-mydriatic camera in the world, Topcon used its vast experience in OpticalMechanical & Software engineering to come up with a camera that would be far ahead of the competition in terms of useful functionality and would allow for consistently high quality of imaging while at the same time allowing for quick capture. TRC-NW8 we feel will become the professional's first choice of non-mydriatic Fundus camera. Topcon...products of professional equipment for the Professional.

High Quality Image

- True Optical Red Free Photography
  Topcon has developed an innovative feature on the TRC-NW8. True optical red free capability with an optional red free filter. This feature allows for grayscale mydriatic image acquisition with minimal red free artifacts from conventional imaging systems. As shown in the picture the red free and other image capabilities are selectable by pulling out the red free filter.

- Automatic Pupil Detection
  A common problem patients have with small pupils and very mydriatic images assorted \textit{a} "myd" configuration (with red free option) within the TRC-NW8 allows you to automatically get a unit.

- Quality of Image is crucial as well as durability
  With these important requirements, Topcon’s digital sensor is crafted on which manufacturers have been using for digital cameras. Indeed, this camera is a digital SLR camera and is used by most of the world’s photo as very good reason, there is no need to worry that your new TRC-NW8 will not be compromised by the digital SLR in terms of quality of image durability.

- Lower Flash Intensity
  TRC-NW8 has lower intensity to keep flash intensity as possible while at the same time ensuring that good exposed images are achieved. The TRC-NW8 is in response here, but with a controlled the CCD camera, optimum exposure can be achieved each and every time.

- Aesthetic Design
  In designing the new TRC-NW8, a lot of attention has been paid to the general appearance of the unit with the tray and side of the grating. What is important to us is that when you look at the camera, is how elegant the camera appears and how good it looks. It is a nice way of eliminating competing models and gives an operator a better sense of ownership.

For more professional, Topcon provides advanced solutions for image acquisition.

Topcon has many decades decades of providing software solutions to maximize the efficiency of its cameras and today joins the professional rank of the most freedom and easy to use software options, aimed at improving efficiency.

- IMAGEest
  This comprehensive software for operating the HRA camera is a state-of-the-art camera was developed to be the most complete software system for standalone acquisition.

- HRA Capture
  "HRA" is an acronym for "High Resolution Acquisition" which is a comprehensive software system for standalone acquisition.

- Direct Printout
  This technology allows the image data to be directly printed on paper or a thermal printer, without the need for a computer.
So simple to use!

With ophthalmoscopy, whenever it is seen as crucial that the near TRC-NW8 should be the selected camera to use in order to obtain the best possible results time after time, Topcon has the near TRC-NW8 incorporates some ground-breaking technology to assist the photographer.

Easy alignment, Auto Focus and Auto shoot

Allergists could not be simpler with the near TRC-NW8. Oculars can be placed by a touch of the button. Easy alignment, Auto Focus and Auto shot are the processes of getting a highly focused image time after time (so it will not be wasted).

Auto Focus

This is a major feature of the TRC-NW8, which allows the operator to achieve a sharp focus with the ease and speed of a touch of the button. The near TRC-NW8 has been designed to give a unique picture of the retina and to assist the operator to achieve the shot with ease.

Auto Shoot

The TRC-NW8 has a function of Auto Shoot which has been designed to be operated by an operator who has been trained and is trained to do the operation. The near TRC-NW8 is a good choice for anyone who wants to achieve a good result in retinal photography and who has access to a computer.

---

<table>
<thead>
<tr>
<th>Specifications</th>
<th>TRC-NW8 Non-Mydriatic Retinal Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image of camera</td>
<td>TRC-NW8 Non-Mydriatic Retinal Camera</td>
</tr>
<tr>
<td>Wavelength range</td>
<td>480-900 nm</td>
</tr>
<tr>
<td>Field of view</td>
<td>70° x 70°</td>
</tr>
<tr>
<td>Image resolution</td>
<td>8 megapixels</td>
</tr>
<tr>
<td>Image size</td>
<td>4096 x 4096 pixels</td>
</tr>
<tr>
<td>Power source</td>
<td>Internal rechargeable battery</td>
</tr>
<tr>
<td>Dimensions</td>
<td>255 x 285 x 225 mm</td>
</tr>
<tr>
<td>Power consumption</td>
<td>10 W</td>
</tr>
</tbody>
</table>

---

**Non-Mydriatic Retinal Camera TRC-NW8**

**Connecting Visions**

---

*Topcon Corporation*

1-800-746-4678 (USA)

1-800-267-3454 (Canada)

www.topconmedical.com

---

NW8 表
Specifications

- **Angle of coverage**: 45°
- **Working distance**: 40.7 mm
- **Pupil diameter for photography**: 4.0 mm or more
- **Type of photography**: Colour photography and red-free photography
- **Patient dipter correction range**: Without correction lens: -3.0 to +1.0 (where split lines are used)
  - With minus correction lens: -1.0 to +3.0
  - With plus correction lens: +1.0 to +4.0
- **Auxiliary function for photography**: Auto Focus function
  - (Gazed only in the split line working range. This can be turned ON/OFF.)
- **Internal Fixation Target**: Center/Periphery
  - Right/left eye automatic detection
  - Optional position presetting function
- **Base movement**: Back/forth 60 mm, Right/Left 100 mm, Up/down 50 mm
- **Chinrest movement**: 67 mm
- **Power source**: Frequency 50/60 Hz Voltage AC100/200/240V selectable
- **Weight**: 24.5 kg
- **Dimensions**: 272(W) x 505(D) x 530(H) mm
- **Power consumption**: 400 VA (Maximum) 300 VA (Normal)