**Nystagmus Spectacles**  
by Prof. Frenzel

We manufacture Nystagmus Spectacles by Prof. Frenzel in four variations:

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<th>Type</th>
<th>Description</th>
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<td>Nystagmus Spectacle with fixed lenses.</td>
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<tr>
<td>502</td>
<td>Nystagmus Spectacle with hinged lenses.</td>
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<td>503</td>
<td>Nystagmus Spectacle with fixed battery-attachment and lenses.</td>
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<td>703</td>
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Medizin-Technische Produktions GmbH & Co. KG • Göttingen
Nystagmus Spectacle
by Prof. Frenzel

Type 501

Nystagmus Spectacle with:
- fixed lenses
- fixed connection wire
- Clip-head strap
Modern vestibular diagnostic demands a high degree of precision in the search for spontaneous and provoked nystagmus. In many cases, a correct diagnosis may only be achieved by using the complicated technology of electronystagmography (ENG). The new nystagmus glasses by Prof. Frenzel represent an easy to handle alternative. The examination with interior spectacles illumination takes place in a darkened room. Through the interior illumination of the spectacles the patient’s optical contact to its environment will be interrupted (elimination of the nystagmus-hindering fixation).

At the same time the highly illuminated eyes are easily observable under magnifying glasses. By this, pathological nystagmus reaction is very often traceable when looking straight on, which without spectacles, even when looking sideways, is not clearly or not at all distinguishable.

The Nystagmus Spectacle may only be operated with 4 Volt maximally!
Nystagmus Spectacle by Prof. Frenzel

Type 502

Nystagmus Spectacle with:
- hinged lenses
- fixed connection wire
- fixed head strap
Nystagmus Spectacle with hinged lenses by Prof. Frenzel

Type 502

Modern vestibular diagnostics demands a high degree of precision in the search for spontaneous and provoked nystagmus. In many cases, a correct diagnosis may only be achieved by using the complicated technology of electronystagmography (ENG).

The new nystagmus glasses by Prof. Frenzel represent an easy to handle alternative. The examination with interior spectacles illumination takes place in a darkened room. Through the interior illumination of the spectacles the patient’s optical contact to its environment will be interrupted (elimination of the nystagmus-hindering fixation).

At the same time the highly illuminated eyes are easily observable under magnifying glasses. By this, pathological nystagmus reaction is very often traceable when looking straight on, which without spectacles, even when looking sideways, is not clearly or not at all distinguishable.

Nystagmus Spectacle Type 502

With the lenses turned up and the room illumination switched on, eye observation with maintained fixation is possible: e.g. the Hallpike-technique of termal examination. After switching off room illumination and hinging down the lenses, an immediate change-over into the actual luminous spectacle examination with elimination of fixation may be started.

Replacement cover Type 5.02.16

The cover ensures the shielding of the light bulb.

DEHAG-Regulating Transformer Type 505

The DEHAG-Regulating transformer facilitates the power supply of the nystagmus spectacle. Next to the on-off switch on the back a switch for the reduction of luminous intensity can be found at the front. The luminous diode next to it states the condition of the DEHAG-Regulating transformer (luminous-reduced).

DEHAG-Battery Container Type 504

In order to allow a usage independent of the power supply, alternatively the Nystagmus Spectacle can be supplied with power through the DEHAG-Battery container. It can be operated with three 1.5 Volt batteries, size C LR14/AM-2 (baby cells). (Batteries are not subject of the offer).

Replacement lamp Type 507

The Nystagmus Spectacle Type 502 can be operated with a 4 Volt; 0.23 Ampere; 1 Watt replacement lamp. (Thread diameter: 3.5 x 0.35mm).
**Nystagmus Spectacle**  
by Prof. Frenzel

**Type 503**

Nystagmus Spectacle with:

- fixed lenses
- adjustable batterie hold
Nystagmus Spectacle with battery hold and fixed glasses by Prof. Frenzel

**Type 503**

Modern vestibular diagnostic demands a high degree of precision in the search for spontaneous and provoked nystagmus. In many cases, a correct diagnosis may only be achieved by using the complicated technology of electronystagmography (ENG). The new nystagmus glasses by Prof. Frenzel represent an easy to handle alternative. The examination with interior spectacles illumination takes place in a darkened room. Through the interior illumination of the spectacles the patient’s optical contact to its environment will be interrupted (elimination of the nystagmus-hindering fixation). At the same time the highly illuminated eyes are easily observable under magnifying glasses. By this, pathological nystagmus reaction is very often traceable when looking straight on, which without spectacles, even when looking sideways, is not clearly or not at all distinguishable.

With the Nystagmus Spectacle Type 503 you can easily carry out short-term examinations at the patient. This model allows wireless working and is not bound to power supply. The Nystagmus Spectacle is provided with power through the adjustable battery hold above the spectacle and require three 1.5 Volt batteries, size C LR14/AM-2 (baby cells). (Batteries are not subject of the offer).

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<th>Detail view adjustable battery hold</th>
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<td>Fig. 1: Nystagmus Spectacle Type 503</td>
<td>Fig. 3: adjustable battery hold</td>
<td>Fig. 4: Replacement lamp Type 507</td>
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<td><strong>Fig. 2: Nystagmus Spectacle Type 503</strong></td>
<td>Thanks to the adjustable battery hold you have the opportunity to adjust the illumination individually through a slight turn around of the switch.</td>
<td>The Nystagmus Spectacle Type 503 can be operated with a 4 Volt; 0.23 Ampere; 1 Watt replacement lamp. (Thread diameter: 3.5 x 0.35mm).</td>
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<td><strong>Fig. 3: adjustable battery hold</strong></td>
<td><strong>Fig. 4: Replacement lamp Type 507</strong></td>
<td><strong>Replacement cover Type 57.00.02</strong></td>
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<td><strong>Fig. 5: Replacement cover Type 57.00.02</strong></td>
<td>The cover ensures the shielding of the light bulb.</td>
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# Nystagmus Spectacle by Prof. Frenzel

## Type 703

- fixed lenses
- Bajonet interlocking
- adjustable battery hold
- universal applicable

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**Medizin-Technische Produktions GmbH & Co. KG • Göttingen**
Nystagmus Spectacle with Bajonet interlocking and battery hold by Prof. Frenzel

Type 703

Modern vestibular diagnostics demands a high degree of precision in the search for spontaneous and provoked nystagmus. In many cases, a correct diagnosis may only be achieved by using the complicated technology of electronystagmography (ENG).

The new nystagmus glasses by Prof. Frenzel is especially suitable for short-term examinations. Thanks to the new bajonet connection and the different connection wires, the Nystagmus Spectacle can be quickly transformed into spectacle that are suitable for various examination e.g. for storing or examinations on swivel-chairs. By using the corresponding components the Nystagmus Spectacle come up to the individual expectations of the doctor.

The examination with interior spectacles illumination takes place in a darkened room. Through the interior illumination of the spectacles the patient’s optical contact to its environment will be interrupted (elimination of the nystagmus-hindering fixation). At the same time the highly illuminated eyes are easily observable under magnifying glasses. By this, pathological nystagmus reaction is very often traceable when looking straight on, which without spectacles, even when looking sideways, is not clearly or not at all distinguish.

Connection wire DEHAG
Type 7.03.06

In order to provide the Nystagmus Spectacle with power, you can use the connection wire Type 7.03.06 to connect it with the bajonet connection. After that it can be connected with the DEHAG-Regulating transformer or with the DEHAG-Battery container instead of using the battery hold.

Bajonet wire
Type 7.03.05

The bajonet wire Type 7.03.05 connects the Nystagmus Spectacle with the battery hold and thus allows a mobile and flexible working independent of the power supply. In this combination it is especially ideal for examinations on swivel-chairs.

Clip-head strap
Type 5.01.08

Should one of the variety of wires be used, the clip-head strap ensures a secure fixation of the Nystagmus Spectacle in front of the patient’s eyes. This allows an easy search for spontaneous and provoked nystagmus, e.g. through shaking the head, storing or examinations on swivel-chairs.

The clip-head strap can be removed from the slits of the Nystagmus Spectacle by slightly pressing it together.

Replacement cover
Type 57.00.02

The cover ensures the shielding of the light bulb.

Replacement lamp
Type 507

The Nystagmus Spectacle Type 703 can be operated with a 4 Volt; 0.23 Ampere; 1 Watt replacement lamp. (Thread diameter: 3.5 x 0.35mm).

The Nystagmus Spectacle may only be operated with 4 Volt maximally!