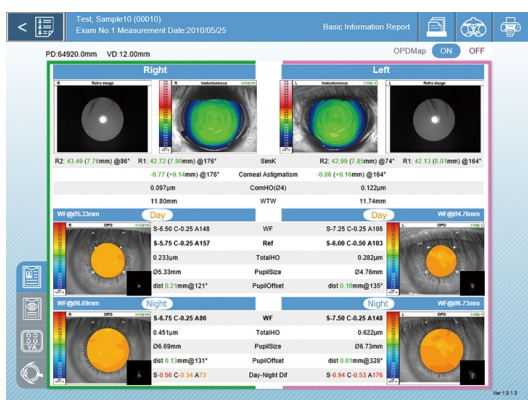


# Refraktsiya va kornea analizatori OPD-Scan III

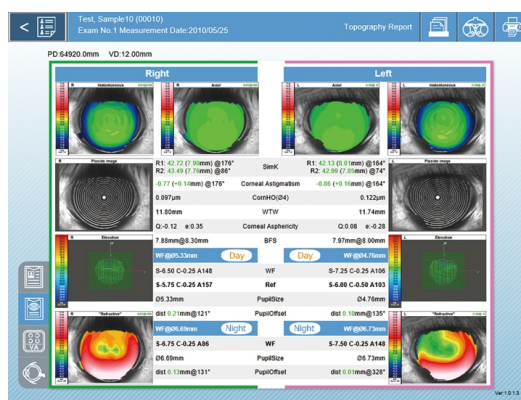


- Kornea topografi va to'liq fronti refraktometrining birikmasi
- Bemor bilan suhbat uchun tushunarli hisobotli planshet-display
- Turli ko'rsatish rejimlari (Plasido tasviri, aksial xarita, ko'rish o'tkirligi xaritasi)

## Qanday ishlaydi



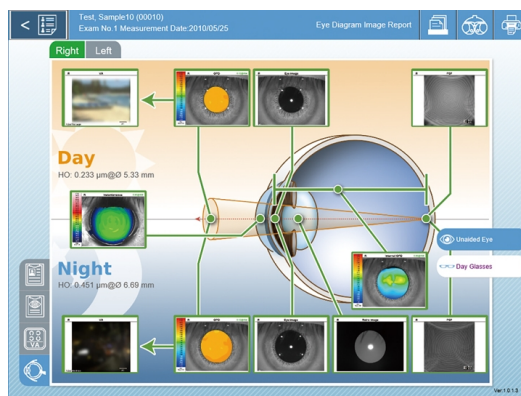
Asosiy ma'lumot hisoboti — bemorning ko'z holati haqida umumiy ma'lumot bir ekranda.



Topografiya hisoboti — kornea sirtini tushunish uchun intuitiv xaritalar va raqamli ma'lumotlar.



Simulyatsiya hisoboti — turli holatlar uchun ko'rish sifatining simulyatsiyasi va MTF grafigi.



Ko'z diagrammasi hisoboti — ko'z tubidan korneagacha bo'lgan holatni vizual tushunish uchun model.

## Texnik xususiyatlari

### To'lqin fronti aberrometri

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| O'lchash printsipi       | Avtomatik obyektiv refraksiya (dinamik skiaskopiya)     |
| Sferik kuch diapazoni    | -20.00 dan +22.00 D gacha                               |
| Silindrik kuch diapazoni | 0 dan $\pm 12.00$ D gacha                               |
| O'q diapazoni            | 0 dan $180^\circ$ gacha                                 |
| O'lchash maydoni         | $\varnothing 2.0$ dan $9.5$ mm gacha (7 zonali o'lchov) |
| Ma'lumot nuqtalari       | 2 520 nuqta (7 x 360)                                   |
| Xarita turi              | OPD, ichki OPD, PSF, MTF grafigi, ko'rish o'tkirligi    |

### Topograf

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| O'lchash halqalari | 33 vertikal, 39 gorizontal                            |
| O'lchash maydoni   | $\varnothing 0.5$ dan $11.0$ mm gacha ( $R = 7.9$ mm) |
| Ma'lumot nuqtalari | 11 880 nuqta va undan ko'p                            |
| Xarita turi        | Aksial, oniy, "refraktiv", elevatsiya                 |

### Avtorefraktometr

|                                            |                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| O'lchash diapazoni                         | Sfera -20.00 dan +22.00 D gacha; Silindr 0 dan $\pm 12.00$ D gacha; O'q 0 dan $180^\circ$ gacha |
| Eng kichik o'lchanadigan qorachiq diametri | $\varnothing 2.6$ mm                                                                            |

### Avtokeratometr

|                    |                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O'lchash diapazoni | Egrilik radiusi $5.00$ dan $10.00$ mm gacha; Sindirish kuchi $33.75$ dan $67.50$ D gacha ( $n = 1.3375$ ); Astigmatizm 0 dan $\pm 12.00$ D gacha; O'q 0 dan $180^\circ$ gacha |
| O'lchash maydoni   | $\varnothing 3.3$ mm ( $R = 7.7$ mm)                                                                                                                                          |

### Pupillometr/Pupillograf

|                   |                           |
|-------------------|---------------------------|
| O'lchash diametri | $1.0$ dan $10.0$ mm gacha |
| Tasvir turi       | Fotopik, mezopik          |

|                       |                                                                                                                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avtomatik kuzatish    | X-Y-Z yo'nalishlari bo'yicha                                                                                                                                                                                                                              |
| Display               | $10.4$ dyuymli rangli LCD sensorli ekran                                                                                                                                                                                                                  |
| Printer               | Ma'lumotlarni chop etish uchun o'rnatilgan termal chiziqli printer                                                                                                                                                                                        |
| Interfeys             | RS-232C, LAN: bittadan port, USB: 4 port                                                                                                                                                                                                                  |
| Quvvat manbai         | AC $100-240$ V, 50/60 Gts                                                                                                                                                                                                                                 |
| Quvvat sarfi          | $110$ VA                                                                                                                                                                                                                                                  |
| O'lchamlari/massasi   | $284(K) \times 525(Ch) \times 533(B)$ mm / $23$ kg                                                                                                                                                                                                        |
| Standart aksessuarlar | Printer qog'ozi, quvvat kabeli, chang qopqog'i, iyak tayanchi qog'ozi, iyak tayanchi qog'ozini mahkamlovchi ignalar, sferik model ko'z, teginish qalami, teginish qalami turagi, ferrit yadro, OPD Web Viewer tizimi uchun o'rnatish diski va qo'llanmasi |

|                                |                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------|
| <b>Qo'shimcha aksessuarlar</b> | Aloqa kabeli, Eye Care karta tizimi, shtrix-kod skaneri, magnit karta o'quvchisi |
|--------------------------------|----------------------------------------------------------------------------------|

Ishlab chiqaruvchi: NIDEK CO., LTD. (Yaponiya) — [www.nidek-intl.com](http://www.nidek-intl.com)  
To'liq katalog va narx so'rash: [medkatalog.vercel.app](http://medkatalog.vercel.app)