**Technical Specifications**

- **Operation mode**: Portable urine chemistry analyzer
- **Materials**: A35 resin
- **Dimension**: 195mm(W) x 225mm(D) x 100mm(H)
- **Weight**: 1.5kg (3.3lb)
- **Rated voltage**: 110 - 240V
- **Rated frequency**: 50/60Hz
- **Rated power**: 15W
- **Operating conditions**: Temperature: 10°C - 42°C (50°F - 104°F), Humidity: 10% - 70%
- **Storage conditions**: Temperature: -10°C - 40°C (14°F - 104°F), Humidity: 10% - 80%
- **Measurement method type**: Reflectance photometers
- **Test capacity**: Routine mode: 36 tests/hour, Quick mode: 300 tests/hour

- **Measurement cycle**: Routine mode: 100 seconds, Quick mode: 6 seconds
- **Memory capacity**: 1,000 Patient data
- **Sensor**: CCD color image sensor
- **Light source**: LED
- **Result display**: LED (8 lines, 4 character/line)
- **Printer**: High speed thermal printer 203dpi (8 dots/mm)
- **Host Communication**: Bi-directional RS232C interface for data transfer to HIS
- **Peripherals**: Barcode reader, Cellular printer
- **Safety standard**: EN / IEC 61010-1
- **EMC standard**: Emission EN50081-1/2/95, A2/94, Group 1, Class A Immunity (EN50082-1/2/94/2/94/93)
- **Approval**: CE, FDA

---

**www.yd-diagnostics.com**

Optima II

Most compact & full featured urine chemistry analyzer

Easy access to review test results [printout data selectable]

Software available in English, German, Spanish, Italian, Polish, French, Chinese and Russian

Memory capacity: 1,000 test results
Simpo calibration
Easy data management & various data printing format
Workable with 4-11 parameter strips

Interface for the external barcode reader, PC and lab network system

Support two different test modes:
36 or 300 tests per hour

Reflection photometer - CCD color image sensor and LED for light source
Color and clarity reading available

---

YD Diagnostics

#173, Seo-Ri, Yidong-Myun, Choin-Gu, Yongin-Si, Kyunggi-Do, 449-834 Korea
Tel: 82-31-329-2000  Fax: 82-31-329-2002  E-mail: admin@yd-diagnostics.com
URiSCAN® Optima II
Most compact & full featured urine chemistry analyzer