GLUCOSE MONITORS FOR DAILY DIABETES TESTING

Advanced technology glucose monitors. Available as unit only or complete kit. Kit includes 10 strips, code chip, control solution, 10 sterile lancets, lancet device, clear cap (for testing on forearm or palm), carrying case, user manual.

Main features:
- accurate result in just 5 seconds
- only 0.5 µL sample size
- automatic calibration with code chip
- plasma calibration results
- advanced data management with 7, 14, 30 days average
- affordable for frequent monitoring
- flexibility to test on the forearm, palm or fingertip
- certified ISO 15197:2013

GLUCOSE STRIPS

ABBOTT FREESTYLE OPTIUM BLOOD GLUCOSE TEST STRIPS

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>Compatibility</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23942</td>
<td>FreeStyle Optium Neo, FreeStyle Libre, FreeStyle</td>
<td>box of 25</td>
</tr>
<tr>
<td>23943</td>
<td>Optium, Optium Xceed, Optium, Optium Easy, Boots</td>
<td>box of 50</td>
</tr>
</tbody>
</table>

ABBOTT FREESTYLE LITE BLOOD GLUCOSE TEST STRIPS

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>Compatibility</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23944</td>
<td>FreeStyle Lite, FreeStyle Freedom Lite, FreeStyle InsuLinx, FreeStyle Navigator II</td>
<td>box of 25</td>
</tr>
<tr>
<td>23945</td>
<td></td>
<td>box of 50</td>
</tr>
</tbody>
</table>

SURGILANCE SAFETY AUTOMATIC LANCETS

Multi purpose capillary blood sampling devices for all testing requirements.

The one-step safety lancet is easier to use, no arming is required, and safer, once lancet is used it is rendered inoperable.

High-speed delivery and penetration method minimizes patient pain and operator error.

Latex-free, hypo-allergenic, disposable, sterile.

SURGILANCE™ SAFETY LANCETS - NEEDLES

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>Colour</th>
<th>Depth of penetration</th>
<th>Entire needle gauge</th>
<th>Needle tip Gauge</th>
<th>Blood Flow</th>
<th>Flattop</th>
<th>Gauge</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>24513</td>
<td>Yellow</td>
<td>1.0 mm</td>
<td>G21</td>
<td>G26</td>
<td>5-10 µL</td>
<td>•</td>
<td>•</td>
<td>box of 100</td>
</tr>
<tr>
<td>24514</td>
<td>Grey</td>
<td>1.8 mm</td>
<td>G21</td>
<td>G23</td>
<td>10-20 µL</td>
<td>•</td>
<td>•</td>
<td>box of 100</td>
</tr>
<tr>
<td>24515</td>
<td>Orange</td>
<td>2.2 mm</td>
<td>G21</td>
<td>G22</td>
<td>20-40 µL</td>
<td>•</td>
<td>•</td>
<td>box of 100</td>
</tr>
<tr>
<td>24517</td>
<td>Pink</td>
<td>2.8 mm</td>
<td>G21</td>
<td>G21</td>
<td>40-60 µL</td>
<td>•</td>
<td>•</td>
<td>box of 100</td>
</tr>
</tbody>
</table>
**MULTICARE “IN” - SELF CONTROL OF RISK FACTOR**

- 23965 MULTICARE “IN” KIT - Italian manual
- 23966 MULTICARE “IN” KIT - English manual
- 23967 MULTICARE “IN” KIT - CD multilanguage manual

A new approach for the periodical self-monitor of risk factors - cholesterol, triglycerides and glucose. The only device on sale with reflecto-metrical and electro-chemical bio sensor suction. Multicare “IN” is supplied in cardboard box with a nylon bag, 10 glucose strips, lancet device, 10 lancets, rapid guide and user manual. Multilanguage box: GB, FR, IT, ES, GR, PT, PL, SL, HU, TR, DE.

**BIOSENSOR SUCTION STRIP - glucose**
- Electro-chemical technology for a practical use.
- Requires very little blood samples (1 µl).
- Short time for the results (5 sec.).
- It allows a more functional self-monitoring of triglycerides and cholesterol.

**TECHNICAL SPECIFICATIONS**
- Measurement range CHOL: 100-500 mg/dL (2.59-12.93 mmol/L)
- Memory: 500 test results with date and time
- Batteries: 2 lithium batteries Cr 2032 3 Volts (32212)
- Size - weight: 97x49x20.5 mm - 65 g

**STRIPS AND CONTROL SOLUTION FOR MULTICARE “IN”**
- Glucose strips biosensor + 1 chip
- Cholesterol strips + 1 chip
- Triglycerides strips + 1 chip

**CONTROL SOLUTION FOR MULTICARE “IN”**
- Glucose control solution
- Cholesterol control solution
- Triglycerides control solution
- Glucose control solution (2x2.5 ml)
- Cholesterol control solution (2x2.5 ml)

**LANGÈCTS FOR MULTICARE AND MULTICARE “IN”**
- Lancets 28G - sterile - bag of 25 pcs

**MISSION® CHOLESTEROL METER + LIPID PANEL TEST**

- 3 in 1 complete Lipid Panel device tests for Total Cholesterol (CHOL), High Density Lipoprotein (HDL) and Triglycerides (TRIG)
- Also includes calculated tests: Low Density Lipoprotein (LDL), CHOL/HDL ratio and Cardiac Risk Assessment
- **Detection principle** - Reflectance Photometry
- **Time to results** - 45 seconds-2 minutes
- **Memory with date/time** - 200 results
- **Type of test** - Quantitative Tests
- **Calculated tests** - LDL, CHOL/HDL ratio, Cardiac Risk Assessment
- **Specimen volume** - 3-1 Lipid Panel Device: 35 µL
- **Measurement units** - mg/dL or mmol/L
- **Measurement range** - CHOL: 100-500 mg/dl (2.59-12.93 mmol/L)
- **TRIG: 45-650 mg/dL (0.51-7.34 mmol/L)
- **HDL: 15-100 mg/dL (0.39-2.59 mmol/L)**
- **Power source** - 4 AAA or AC Adaptor (Mini USB, 5V dc, 50 mA)
- **Battery life** - ≥ 1,000 tests
- **Meters dimensions** - 137x79x26 mm (5.4” x 3.1” x 1.0”)
- **Display dimensions** - 50x50 mm (2.0” x 2.0”)
- **Weight excluding batteries** - 145 g (5.11 oz)

**ACCESSORIES AND SPARES**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23933</td>
<td>box of 25</td>
</tr>
<tr>
<td>23934</td>
<td>box of 25</td>
</tr>
<tr>
<td>24024</td>
<td>box of 50</td>
</tr>
<tr>
<td>23917</td>
<td>box of 25</td>
</tr>
<tr>
<td>23916</td>
<td>box of 100</td>
</tr>
<tr>
<td>23919</td>
<td>-</td>
</tr>
<tr>
<td>33250</td>
<td>box of 5</td>
</tr>
</tbody>
</table>

*Includes 1 paper roll, cable, adaptor
**LUX: PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN**

- **23983 LUX MONITOR for lipid, glucose and hemoglobin**

  The cardiovascular diseases are linked to the concentration of cholesterol in the blood. Many people don’t know that their cholesterol is high or do not monitor it. Lux gives benefit to doctor to do a complete lipid screening plus glucose and hemoglobin in less than 3 minutes.

  **Easy**

  Only 45 µl for the complete lipid panel, 7 µl for the hemoglobin, 0.5 µl for the glucose.

  **Effective**

  Doctor can test during consultation with patient. Complete lipid panel in 3 minutes

- **23998 LUX MONITOR for lipid, glucose and hemoglobin**

  Optional data reading software (CD + cable) for easy download. Lux monitor is supplied with carrying bag, pipette 15 µl, pipette 7 µl, 3xAAA batteries 1.5 V and manual (GB, IT). Made in Italy.

**TECHNICAL SPECIFICATIONS LUX MONITOR**

<table>
<thead>
<tr>
<th>Number of measurements</th>
<th>More than 500 measurements (lipid) or more than 1000 measurements (glucose or hemoglobin)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method of measurements</td>
<td>Lipids and Hemoglobin: optical method, Glucose: electrochemical method</td>
</tr>
<tr>
<td>Display</td>
<td>LCD (LED Backlight) 3 buttons (ON/OFF switch, up button and down button)</td>
</tr>
<tr>
<td>Operation buttons</td>
<td>3 buttons</td>
</tr>
<tr>
<td>Memory</td>
<td>1 000 readings</td>
</tr>
<tr>
<td>Function</td>
<td>Average of glucose measurements (7, 15, 30 days) 3XAAA 1,5 V alkaline manganese batteries</td>
</tr>
<tr>
<td>Power source</td>
<td>7XAAA 3V alkaline manganese batteries</td>
</tr>
</tbody>
</table>

**ACCESORIES AND SPARES**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ACCESSORIES AND SPARES</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23984</td>
<td>Lipid strips with tips and chip - need 23997</td>
<td>box of 10</td>
</tr>
<tr>
<td>23985</td>
<td>Hemoglobin strips with chip - need 23998</td>
<td>box of 10</td>
</tr>
<tr>
<td>23986</td>
<td>Glucose strips</td>
<td></td>
</tr>
<tr>
<td>23987</td>
<td>Lipid control solution with chip - 2 ml</td>
<td></td>
</tr>
<tr>
<td>23988</td>
<td>Hemoglobin control solution - 2 ml</td>
<td></td>
</tr>
<tr>
<td>23989</td>
<td>Glucose control solution - 2 ml</td>
<td></td>
</tr>
<tr>
<td>23997</td>
<td>Pipette 15 µl for lipid</td>
<td></td>
</tr>
<tr>
<td>23998</td>
<td>Pipette 7 µl for hemoglobin</td>
<td></td>
</tr>
<tr>
<td>23999</td>
<td>Software (CD + cable)</td>
<td></td>
</tr>
</tbody>
</table>

---

**MISSION® PT/INR COAGULATION MONITORING SYSTEM**

- **23926 PT/INR COAGULATION MONITORING SYSTEM**

  Coagulation testing for professional and self use

  **Reliable**

  - quick results for Prothrombin Time (PT) in seconds and International Normalized Ratio (INR)
  - large INR range of 0.7-7.0
  - individually packaged strips with 2 years shelf life
  - external optional printer available for quick printing of results
  - clinical accuracy: ISO 17593 compliant

  **Simple operation**

  - results in about 2 minutes
  - requires only a single drop of capillary blood or 15 µL of venous whole blood
  - insert strip, apply specimen and read results

  **User friendly**

  - handheld portal meter easy to use and ideal for physician offices and home testing
  - includes lockout functions and the capability to store patients ID’s

  - operates with battery or standard AC adaptor

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>METHODOLOGY</th>
<th>ACCESSORIES AND SPARES</th>
<th>Minimum order</th>
</tr>
</thead>
<tbody>
<tr>
<td>23926</td>
<td>Optical fluorescence</td>
<td>1 quick reference guide 1 AC adaptor</td>
<td>4 AA batteries</td>
</tr>
<tr>
<td></td>
<td>Time to results</td>
<td>About 2 minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Memory</td>
<td>200 results with datatime</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Specimen volume</td>
<td>15 µL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Specimen type</td>
<td>Fresh capillary or venous whole blood</td>
<td></td>
</tr>
<tr>
<td></td>
<td>INR mesurement range</td>
<td>0.7-7.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HCT range</td>
<td>25-60 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Precision</td>
<td>Repeatability and total precision &lt;10%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Accuracy</td>
<td>Y=1.076X+0.078, R=0.924</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC interface</td>
<td>Mini USB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power source</td>
<td>4 AA batteries or AC adaptor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Battery life</td>
<td>&gt;100 tests</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meter dimension (LxWxH)</td>
<td>152x72x37 mm (6.0”x2.8”x1.5”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Display dimension (LxW)</td>
<td>46x23 mm (1.8”x0.9”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Weight excluding batteries</td>
<td>170 g (6.0 oz)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>CHOL/HDL &amp; LDL/HDL ratio calculation</strong></td>
<td></td>
</tr>
</tbody>
</table>
**LACTATE SCOUT+: FAST AND ACCURATE LACTATE MEASUREMENT**

- 23990 LACTATE SCOUT+
  - Pocket device for fast, accurate and reliable lactate measurement.
  - Easy to use:
    - only 0.5 μL of capillary blood required
    - pre-calibrated sensors
    - device calibrated by simple coding
    - lactate measurement, date/time, mode, temperature and memory ID on a single display
  - Fast and accurate:
    - enzymatic amperometric detection method
    - results within 10 seconds
    - measuring range: 0.5 - 25 mmol/L (±3%)
  - Performance measurement:
    - single and step-test measurements (resting/exercise/recreation)
    - stopwatch and countdown timer functions

**HEMO CONTROL: HEMOGLOBIN MEASURER AND HEMATOCRIT**

- 23994 HEMO CONTROL
  - Fast, simple and accurate determination of hemoglobin and hematocrit in whole blood:
    - two tests in one
    - fast results in 25 to 60 sec
    - limited sample volume 8 μl
    - graphical touch screen
    - no calibration required, automatic self test
    - memory: 4,000 results including date and time
  - Measurements:
    - Hb within run precision CV ≤ 3%
    - Hb Total precision CV ≤ 3%
  - Calibration automatic
  - Wavelengths 525 nm
  - Measurement method: methylhemoglobin
  - Results appear in 10 seconds

**MISSION Hb HEMOGLOBIN TESTING SYSTEM**

- 24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM
  - Accurately detects Hb and Hct levels. Professional use.
  - Quick:
    - Hemoglobin (Hb) and Hematocrit (Hct) results in < 15 seconds
    - simply insert strip, apply specimen and read results
  - Accurate:
    - only 10 μL capillary or venous blood required
    - precise results equivalent to automatic hematology analyzers
  - Portable:
    - operated by battery
    - handheld for immediate diagnosis
    - dry strips eliminate inconvenience in shipping and storage of liquid reagents
  - Convenient:
    - can test capillary and venous whole blood
    - minimal training required
    - quick data transfer via Mini USB port
  - Multilanguage box:
    - GB, FR, IT, ES, PT, DE, PL, RO, SE, FI, GR, TR, Arabic.

**TECHNICAL SPECIFICATIONS**

- Measurement method: photometric, azidemethemoglobin
- Measuring range: 0 - 25.6 g/dL; 0 - 15.9 mmol/L
- Sample volume: 8 μl
- Sample material: venous, arterial or capillary blood
- Precision: <2%
- Linearity: 0 - 20 g/dL ±0.3 g/dL; >20 g/dL ±0.7 g/dL
- Calibrated to NCCCLS standard
- Operating power: 110-250 V - 50/60 Hz; integrated battery (approx 100 h use)

**STANDARD ACCESSORIES**

- 10 test strip
- 10 lancets (26 G)
- 1 lancing device
- 1 code chip
- 2 control strips
- 10 capillary transfer tubes - plastic
- 3 AAA batteries
- 1 carrying case
- user manual GB, IT

**DIAGNOSTIC TESTS - LABORATORY**

- Easy handling in 3 steps
- Prick finger and collect blood by touching sensor
- Remove sensor and place into analyzer
- Integrated Bluetooth technology and PC software:
  - An USB key allows easy transfer to PC and a 4 language (GB, FR, IT, ES) software allows easy data management.
  - Supplied with nylon bag, 10 lancets, 6 strips, control solution, 2x1.5 AA batteries, USB key, English manual, CD manual and box (GB, DE, IT, ES, DK, FI, NO, RO, SE, TR, CN), CD quick guide
- Pocket device:
  - stores up to 1,000 results
  - 4.5-25.6 g/dL with Hct range of 13-75%
  - dry strips eliminate inconvenience
  - handheld for immediate diagnosis
  - 24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM
  - Made in Germany
  - Pocket size: 91x55x24 mm
  - Weight: 80 g
  - Easy handling in 3 steps
  - Collect a μl blood sample
  - Put microcuvette into analyzer
  - Read results on display in 25-60 sec

- 23994 HEMO CONTROL
  - Made in Germany
  - Compact size only
  - 160x160x68 mm
  - Automatic shut off 8 minutes
  - Battery life 2,700 tests or 360 hours
  - Power source 3 AAA Batteries or AC Adaptor on request
  - Accuracy Hb 4.5 - 10 g/dL, ±0.4 g/dL; Hb 10 - 25.6 g/dL ± 4%
  - Hb within run precision CV ≤ 3%
  - Hb Total precision CV ≤ 3%
  - Hb measurement range 4.5 - 25.6 g/dL
  - Hct range 13 - 75%
  - Measuring range:
    - 0.5 - 25 mmol/L ±3%
  - Large illuminated graphical touch screen for intuitive device handling
  - Supplied with transmitter (to recharge battery), control cuvette and kit for cleaning.
  - Easy handling in 3 steps
  - 23990 LACTATE SCOUT+:
    - FAST AND ACCURATE LACTATE MEASUREMENT
    - Stores over 250 results
    - Measuring range: 0.5 - 25 mmol/L ±3%

- 23991 STRIPS - tube of 24 pcs
- 24513 ONE-STEP SAFETY AUTOMATIC LANCETS - box of 100
- 23916 GIMA LANCETS 28G - sterile - box of 100
- 24024 CAPILLARY TRANSFER TUBES 10 ml - plastic - box of 50
- 24023 TEST STRIPS - box of 50 + 1 code chip
- 23916 GIMA LANCETS 28G - sterile - box of 100
- 23919 AUTO LANCETS DEVICE - AST method
- 24513 ONE-STEP SAFETY AUTOMATIC LANCETS - box of 100
- 23995 HEMOGLOBIN MICROCUVETTES - box of 50
- 23994 HEMO CONTROL:
  - HEMOGLOBIN MEASURER AND HEMATOCRIT
  - 23990 LACTATE SCOUT+: FAST AND ACCURATE LACTATE MEASUREMENT
  - 23994 HEMO CONTROL: HEMOGLOBIN MEASURER AND HEMATOCRIT
  - 24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM
**DIAGNOSTIC TESTS - LABORATORY**

### GIMA URINE ANALYZER AND URINE STRIPS

- **24046 GIMA URINE ANALYZER**
  Gima urine analyzer is a high-precision instrument with advanced technologies for clinical inspection of urine. It offers easy and quick operation, exact results and good repeatability.
  - Features:
    - high-luminance and white LED, features long life and good stability
    - large LCD display
    - user-friendly interface
    - monitoring the whole testing process, and audible-control prompt
    - data transmission function.
  - Application:
    - health examination
    - chronic diseases, long-term monitoring for nephroptic patients
    - convenient point of care testing for doctor

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working mode</td>
<td>One-step</td>
</tr>
<tr>
<td>Internal language</td>
<td>Italian and English</td>
</tr>
<tr>
<td>Display</td>
<td>2.4” LCD, resolution: 320x240</td>
</tr>
<tr>
<td>Data storage</td>
<td>500 sample data</td>
</tr>
<tr>
<td>Principle</td>
<td>RGB tricolor test theory</td>
</tr>
<tr>
<td>Communication interface</td>
<td>Micro USB interface, Bluetooth wireless communication</td>
</tr>
<tr>
<td>Repeatability</td>
<td>CV ≤1%</td>
</tr>
<tr>
<td>Stability</td>
<td>CV ≤1%</td>
</tr>
<tr>
<td>Record mode</td>
<td>LCD display, flash ROM data storage</td>
</tr>
<tr>
<td>Power supply</td>
<td>Built-in rechargeable lithium battery 3.7 V, 1900 mAh</td>
</tr>
<tr>
<td>Host computer</td>
<td>DC 5 V, 1 A</td>
</tr>
<tr>
<td>Adapter</td>
<td>AC 100-240 V, 50/60 Hz</td>
</tr>
<tr>
<td>Test range</td>
<td>Refer to grade table on <a href="http://www.gimaitaly.com">www.gimaitaly.com</a></td>
</tr>
<tr>
<td>Dimension - Weight</td>
<td>126x73.5xh 30 mm - 0.18 kg</td>
</tr>
</tbody>
</table>

### GIMA VISUAL URINE STRIPS

- **24069 10 PARAMETER STRIP - tube of 100 strips**
- **24071 11 PARAMETER STRIP - box with 5 pouches of 3 strips**
- **24072 11 PARAMETER STRIP - tube of 50 strips**

These strips can be used by professionals for visual tests. 11 parameters strips can also be used with Gima urine analyzer (24046) and Bayer CLINITEK-100 reader.
- Global check/screening for general health condition
- Measures level of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose, Ascorbic Acid (24071 and 24072 only) in 1 strip
- Check for healthy nutrition, urinary tract infection, tumors, kidney damage, gout, fever, cirrhosis, viral hepatitis, liver disease, congestive heart failure, jaundice, diabetes and acute renal failure.

For professional use only.

### CENTRIFUGES FOR PLASMA, URINE AND BIOLOGICAL LIQUIDS

- **24031 UNIVERSAL CENTRIFUGE - 8 tubes fixed rotor**
- **24032 UNIVERSAL CENTRIFUGE - 6 tubes horizontally pivoting rotor**
- **24040 TEST TUBES 10 ml - box of 100 pcs**

The universal centrifuges are the perfect solution for laboratories and doctors’ offices. They feature a ZERO-RPM locking lid for safety, digital programming of time ranging from 1-99 minutes and speed ranging from 500-3300 rpm. They accommodate 6 or 8 tubes (3-15 ml). Achieve up to 1364 g taking to a perfect separation by centrifugation. They have a DC motor and come with a 110-220 V auto switching power supply.

Made in USA. Manual GB, IT.

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal speed</td>
<td>500-3300 rpm (step of 100 rpm)</td>
</tr>
<tr>
<td>Maximum volume</td>
<td>120 ml</td>
</tr>
<tr>
<td>Maximum power</td>
<td>12 W</td>
</tr>
<tr>
<td>Fuse</td>
<td>7.2 A</td>
</tr>
<tr>
<td>Speed</td>
<td>3300 - 10 min</td>
</tr>
<tr>
<td>Time</td>
<td>5-10 min</td>
</tr>
<tr>
<td>Whole blood</td>
<td>1800</td>
</tr>
<tr>
<td>Urine</td>
<td>3000 - 10 min</td>
</tr>
<tr>
<td>Capacity</td>
<td>15 ml or 10 ml x 6</td>
</tr>
<tr>
<td>Max. RCF</td>
<td>1,790 g</td>
</tr>
</tbody>
</table>

- **24035 XC-2000 CENTRIFUGE**

Very silent centrifuge with 6 tube positions, provided with electronic counter to allow precise speed setting from 1000 rpm to 4000 rpm (500 rpm increments). It is supplied with metal holder for 6 tubes of 10 ml and holder for 6 tubes of 15 ml. Operating time is adjustable from 1 to 60 min. Strong ABS structure.

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply</td>
<td>220 V - 50 Hz</td>
</tr>
<tr>
<td>Power</td>
<td>80 W</td>
</tr>
<tr>
<td>Speed</td>
<td>Approx 1,000 - 4,000 rpm (increased in increments of 500 rpm's)</td>
</tr>
<tr>
<td>Time</td>
<td>1-60 min</td>
</tr>
<tr>
<td>Capacity</td>
<td>15 ml or 10 ml x 6</td>
</tr>
<tr>
<td>Max. RCF</td>
<td>1,790 g</td>
</tr>
</tbody>
</table>
DIAGNOSTIC TESTS - LABORATORY

ANALYTICON URINE ANALYZER AND URINE STRIPS

• 24049 URILYZER® 100 PRO URINE ANALYZER - with printer
Urilyzer® 100 PRO is a small urine test strip reader that offers a broad range of optimized features.
The intuitive user interface improves data entry and allows manual entry of colour and turbidity from a predefined list or by an additional comment.
Moreover, the system provides the user with a high level of customization with flexible testing and reporting options.
The intelligent database-driven data management provides multiple filter options.
To be used with urine strips 24062 and 24063 only.
CD manual in GB, DE, IT, SE, NO, DK, ES.
Internal software: GB, FR, IT, ES, DE, GR, NO, SE, FI, DK, HU, CZ, RO, RU.
Made in Hungary.
• 33250 PRINTER PAPER 57 mm x Ø 50 mm - box of 5 rolls
• 24055 CONTROL SOLUTION - 15 ml - box of 2

TECHNICAL SPECIFICATIONS
Measurements: 50 meas./hour in normal mode, 120 meas./hour in fast mode
Memory: 3,000 patient test results and 1,000 QC Test results
Display: 3.5" QVGA Touch-screen LCD (resolution 240x320)
Printer: Low noise thermal printer with paper roll for about 280 meas
Printout: Current number measurement, Date and time, Serial No. of the meter, patient-I-D, Asterisk on pathological results, Parameters can be printed in SI, Conventional or arbitrary units
Accuracy: Meter adjustment in 5 levels according to individual requirements
Type: Reflectance photometer wavelengths: 505, 530, 620, 660 nm
Interfaces: RS232 serial port, USB A, USB B, PS2 (external keyboard, barcode reader), microSD card, Ethernet port, HL7 protocol
Dimensions/Weight: 190x260x77 mm (WxDxH) / 1.5 kg.
Power supply: 100-240 V, 50-60 Hz

ANALYTICON COMBI SCREEN® PLUS and SYS - urine strips
Urine strips for visual test or for use with Urilyzer® 100 and CombiScan 100 (24062 and 24063 only).
• 24060 COMBI SCREEN® PLUS - 3 parameters - tube of 100 strips
• 24061 COMBI SCREEN® PLUS - 10 parameters - tube of 100 strips
• 24063 COMBI SCREEN® PLUS - 11 parameters - tube of 100 strips
Results can be read directly on the strip (after about 60 seconds) and compared with the label on the bottle. Combi Screen® Plus offers ascorbic acid protection for glucose and blood tests. Offers relevant reduction of false negatives due to interference with ascorbic acid. Supplied in aluminium tube in single cardboard box. For professional use. Manual in GB, FR, GR, IT, ES, PT, NL, DE. Made in Germany.
• 24062 COMBI SCREEN® SYS - 11 parameters - tube of 150 strips
Same as code 24063 but without ascorbic acid protection PAD on glucose and blood.

MICROHEMATOCRIT CENTRIFUGE

• 24025 MICROHEMATOCRIT CENTRIFUGE - 180 sec.
Economic system, easy to use, fully automatic with LED indicators, no vibration, silent, rapid and provided with rechargeable battery.
Useful for: small labs, office labs, blood drawing areas, pediatric, neonatal settings, dialysis centers, emergency room labs, veterinarians, sample prep for stat chemistries.
• 24026 CAPILLARIES for microhematocrit - tube of 500
Made of glass 9 microliters. Length: 32 mm - Ø 1.5 mm

TECHNICAL SPECIFICATIONS
Power: rechargeable battery (battery charger supplied 100 ÷ 240 V plug in)
Dimensions: 136 mm (L) x 215 mm (W) x 122 mm (H)   Weight: approx 1.2 Kg.
STREPT-A RAPID TEST, ACCURATE RESULTS IN 5 MINUTES

• 24522 STREPT-A - device - box of 20 tests
• 24523 STREPT-A - strip - box of 25 tests

Provides accurate results in few minutes, with a simple procedure easy to perform and to interpret. Immediate diagnosis facilitates patient treatment decisions in the same office. Room temperature storage. It includes 20 devices or 25 strips tests (single pack), 2 reagents, 20 (or 25) tubes and swabs. Multilanguage manual and package. For professional use.

TECHNICAL SPECIFICATIONS

24523
Relative sensitivity: 97% (91-99%)
Accuracy: 95% (93-97%)
Relative specificity: 95% (92-97%)

24522
Relative sensitivity: 94% (88-98%)
Accuracy: 97% (96-98%)
Relative specificity: 98% (96-99%)

PROCEDURE

- add 4 drops Reagent A, then drops reagent B
- rotate swab 10 times, wait 1 minute, then remove swab while squeezing tube to remove liquid
- place dropper tip to top of tube (24522)
- add 3 drops of specimen (24522)
- immerse strip in specimen (24523)
- read results after 5 minutes

STREPT-A DUAL COLOUR RAPID TEST, OPTICAL TECHNOLOGY

• 24519 STREPT-A DUAL COLOUR TEST - strip - box of 50 tests

The new, dual colour rapid test for Strep A uses the antibody labelled colour particles coated at two separate locations in the test device. This new optical immunoassay technology allows greater sensitivity and less false negative results than the conventional single label test, without affecting specificity. The procedure for the user is the same as for the standard test but the result will be easier to view. If Group A Streptococcus is present in the sample, a visible blue Test Line will appear to indicate a positive result and a red Control Line will also appear to indicate the test is valid. Kit includes 50 test strips, 50 tubes, 50 swabs, 2 reagents and 2 control solutions. Multilanguage box and manual: GB, FR, IT, ES. Professional use.

TECHNICAL SPECIFICATIONS

Relative sensitivity: 95.1% (95%CI: 89.6-98.2%)
Relative specificity: 97.8% (95%CI: 95.8-99%)
Overall accuracy: 97.1% (95%CI: 95.3-98.4%)

INFLUENZA A/B TESTS

• 24537 INFLUENZA A/B TESTS - box of 30 tests (3 packs of 10 pcs.)

Influenza A/B is a rapid in vitro test to detect type A and B influenza antigens (nucleoprotein) extracted from the nasal specimens. The test is designed to detect nucleoproteins of Flu-A core subtypes, independent of H and N surface proteins (including H1N1, H3N2, H5N1, H5N3, H7N3, H9N2). A sterile nasal swab allows an easy collection of specimen. Results in 10-15 minutes. Includes rapid influenza A/B test panel, swab, test tube, extraction buffer. For professional use only.

MONONUCLEOSIS TEST

• 24538 MONONUCLEOSIS TEST - box of 20 tests

A rapid test for the diagnosis of Infectious Mononucleosis (IM) to detect Infectious Mononucleosis heterophile antibodies qualitatively in whole blood, serum or plasma.

For professional in vitro diagnostic use only. Results in 5 minutes. It includes 20 cassette tests, 20 droppers, buffers and user manual.

WARNING: SHORT EXPIRY DATE FOR TESTS. Tests have 24 months expiry at production time. Our stock may vary from 10 to 22 months.
FOB-FECAL OCCULT BLOOD TEST FOR EARLY DETECTION

- **24530 FOB TEST - box of 25 tests**
  - Provides accurate results in few minutes.
  - It facilitates early patient treatment decision.
  - Simple procedure, easy to perform and interpret. No additional equipment required.
  - It includes 25 pcs of collection stick, device test and one buffer bottle.
  - For professional use.

HELICOBACTER PYLORI TEST FOR ULCER SCREENING

- **24528 HELICOBACTER PYLORI TEST - box of 40 tests**
  - Helicobacter Pylori is the leading cause of gastric ulcers, this easy to use test allows a quick diagnosis in about 10 minutes.
  - Easy to perform and interpret, no additional equipment required. For professional use.
  - Diagnosis of H. pilory infection in adults over 18 years of age.

- **24529 HELICOBACTER PYLORI SELF TEST - box of 1 test**
  - Same as 24528 but packed in single box including one automatic lancet, single buffer and user manual.
  - This product is provided with self testing certification to be sold to end users in OTC market.

PROSTATE SCREENING - PSA ONE-STEP TEST

- **24534 PSA TEST - box of 25 tests - for doctor/hospital use**
  - Provides accurate results in 5-8 minutes.
  - over 98% correlation to lab tests
  - simple, easy to use serum or plasma test
  - detects PSA as low as 4 ng/ml
  - contains everything needed to perform test (except lancets see page 5)
  - for professional use

- **24532 PSA SELF TEST - box of 1 test - for self test - whole blood**
  - Same as 24534 with results in 10 min. Packed in single box including one automatic lancet, single buffer and user manual.
  - Provided with self testing certification to be sold to end user.

CARDIAC MARKER

- **24525 CARDIAC MARKER**
  - 3 parameters: CK-MB, Troponin, Myoglobin - box of 20 tests
  - It allows to check cardiac status and stroke events in just 15 minutes. Ideal to keep under control patients affected by cardiopathies or after heart attack or surgery.
  - Acute Myocardial Infarction-MI (Heart Attack) is responsible for 1 in 5 deaths in the U.S. After 6 hours of AMI onset, the damage to the cardiac muscle is irreversible and permanent.
  - This illustrates that early and accurate diagnosis of AMI is essential. ECG is the most widely used method of MI diagnosis.

- **24527 CRP TEST - box of 20 tests**
  - Measurement of CRP in whole blood, plasma or serum has two purposes:
    1) hs-CRP levels help in assess the risk of cardiovascular and peripheral vascular disease. Higher hs-CRP values have highest risk of cardiovascular disease.
    2) CRP levels help identify and keep track of infections and diseases that cause inflammation (lymphomna, lupus, giant cell arthritis, osteoynelitis, rheumatoid arthritis, .....).
  - use fingerstick whole blood or serum/plasma
  - results within 7 minutes  - room temperature storage
  - built in performance control and reference band
  - It includes 20 cassette tests with droppers. For professional use.

MALARIA RAPID TEST

- **24547 MALARIA RAPID TEST - box of 40 tests**
  - A rapid chromatographic immunoassay test for the qualitative detection of circulating plasmodium falciparum in whole blood.
  - Compared with traditional thick or thin blood smears microscopic analysis, the correlation between the two systems is over 99,0%.
  - Package includes test devices, buffer, disposable specimen dropper and multilanguage manual, lancets are not included.
  - For professional use.

WARNING: SHORT EXPIRY DATE FOR TESTS. Tests have 24 months expiry at production time. Our stock may vary from 10 to 22 months.
DIAGNOSTIC TESTS - LABORATORY

DRUG TEST READER SYSTEM - FOR URINE DRUG CUPS/PANELS

- 24570 DRUG READER - Italian software
- 24571 DRUG READER - English software
- 24576 MULTI DRUG CUP - 7 drugs + S.V.T.
- 24577 MULTI DRUG CUP - 8 drugs + S.V.T.

Simply scan one of the two multi drug test on drug reader and get a complete analysis at your PC.

- automated analysis of “visual read” test panels
- automatic test menu recognition (2D barcode)
- in-process system quality control check
- image capture, data management/export functionality, archived results

Main benefits:
- automation - eliminates results interpretation variability/subjectivity
- accurate, performance advantages vs. visual interpretation
- speed - scanning process requires 15-30 sec.

MULTI DRUG “CUP” TEST

- 24546 MULTI DRUG “CUP” TEST - urinary box of 25 tests for 7 drugs

Detects following parameters: (MDT/MDMA)<COC><AMP500><MET500><THC><MOP>. For professional use.

- easy to use - no urine handling, just insert the key into the active test and read results in 5 min.
- tightly sealed urine cup - no leaking or spilling of urine specimen
- unique design - ensures that urine used in the test, will be separated from residual urine, that will remain uncontaminated, to be used for a further test when necessary
- key packed separately, ensures security that only the technician can begin the test

SALIVARY DRUG TEST

- 24555 MULTI DRUG SALIVA TEST oral fluid (saliva) - box of 25 tests for 6 drugs

Multi drug tests provide accurate results in 10 min. for the following drugs: amphetamine, cocaine, marijuana cannabis, methamphetamine, opiates, phencyclidine.

For medical and professional use.

Multilanguage manual: GB, IT, FR, DE, ES, PT.

DRUGS OF ABUSE, URINE TESTS FOR PROFESSIONAL USE

- 24540 COCAINE TEST - strip - urine
- cut-off: 300 ng/ml
- 24541 MARIJUANA TEST - strip - urine
- cut-off: 50 ng/ml
- 24542 OPIATES TEST - strip - urine
- cut-off: 300 ng/ml

Codes 24540-42 are sold in box of 50 strips individually packed in single pouch.

- 24550 MULTI DRUG PANEL TESTS urine box of 25 tests for 6 drugs
- 24551 MULTI DRUG PANEL TESTS urine box of 25 tests for 8 drugs**

Multi drug tests provide accurate results in 5 min. on the following drugs: amphetamine*, cocaine*, marijuana cannabis*, methamphetamine*, opiates*, phencyclidine*, barbiturates, benzodiazepines, ecstasy, morphine300, methadone, tricyclic antidepressants.

*Code 24550 contains tests for drugs with asterisk
**Code 24549 contains tests for drugs with asterisk plus MDMA and 6-AM.

Cut-off levels meet SAMHSA guidelines.

Manual: GB, FR, IT, ES, DE, PT.
**PROFESSIONAL ALCOHOL TESTER**

- 24491 FIT-333 ALCOHOL TESTER with printer
- 24486 AT500 EASY RECALIBRATION ALCOHOL TESTER with printer - available Jan 2018
- 24487 PRE-CALIBRATED SENSOR MODULE for 24486 - spare
- 24494 BLOWING TUBES for 24486, 24491 - box of 100 pcs.
- 24495 PAPER ROLLS for 24486, 24491 - box of 10

Professional fuel cell sensor breath alcohol tester with printer and touch screen. The fuel cell is a porous disk with a thin layer of platinum. Any alcohol that comes in contact with the cell’s surface is broken down chemically. For each broken down molecule of alcohol a given number of electrons are freed.

The numbers of electrons generated are in proportion to the amount of alcohol. Self recalibration (only 24486): easy replacement of pre-calibrated module.

**TECHNICAL SPECIFICATIONS**

- Display: Colour 3.2 TFT touch screen LCD
- Power Supply: Rechargeable AA battery (about 2500 mAh)
- Warm up: Chamber & Sensor warm up automatically
- Operating environment: -20° to +40°C (optimal -20° to +40°C)
- Data download: USB port
- Memory: 10,000-18,000 memories for approx 3,000 full tests
- Calibration*: by appointed service
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC
- Operating environment: -20° to +70° (optimal -20° to +40°)
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value/month
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC
- Operating environment: -20° to +70° (optimal -20° to +40°)
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value/month
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC
- Operating environment: -20° to +70° (optimal -20° to +40°)
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value/month
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC
- Operating environment: -20° to +70° (optimal -20° to +40°)
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value/month
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC
- Operating environment: -20° to +70° (optimal -20° to +40°)
- Drift: typically <0.8% of the measurement value/month
- Measurement precision: Standard deviation ±0.025 mg/L or ±5% of the measurement value/month
- Calibration: by replacement of pre-calibrated sensor module
- Unit setting: mg/L, mg/100 L, %BAC, ‰BAC

**BREATHE ALCOHOL TESTER**

- 24500 ALCOHOL TESTER
  - Professional use.
  - Pocket, easy to use alcohol tester
  - Range: Low & 0.2 ~ 1.5 %BAC
  - Display: Digital display
  - Accuracy: ±0.2‰ BAC at the calibrated point (alert level)
  - Power input: 2 x 1.5V AAA batteries (not included)
  - Tolerance compensation: Pre-alert function together with tri-colour backlighting
  - Breath sampling: less than 5 seconds continuous breath sample
  - Cycle time: about 20 seconds
  - Alert level calibrated: 0.5 ‰ BAC or 0.25mg/l

**POCKET ALCOHOL TESTER**

- 24499 POCKET ALCOHOL TESTER
  - Pocket, easy to use alcohol tester
  - Range: Low & 0.2 ~ 1.5 %BAC
  - Accuracy: ±0.2‰ BAC at the calibrated point (alert level)
  - Power input: 2 x 1.5V AAA batteries (not included)
  - Display: Digital display
  - Tolerance compensation: Pre-alert function together with tri-colour backlighting
  - Breath sampling: less than 5 seconds continuous breath sample
  - Cycle time: about 20 seconds
  - Alert level calibrated: 0.5 ‰ BAC

**DRUG OF ABUSE SALIVA MULTITEST - 8 DRUGS**

- 24566 MULTI DRUG SALIVA MIDSTREAM TEST
  - oral fluid (saliva) - box of 20 tests
  - A multi parameters, all-in-one test for simultaneous detection

<table>
<thead>
<tr>
<th>Drug</th>
<th>Cut off</th>
<th>Drug</th>
<th>Cut off</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opiates</td>
<td>40 ng/ml</td>
<td>Cocaine</td>
<td>30 ng/ml</td>
</tr>
<tr>
<td>Morphine</td>
<td>40 ng/ml</td>
<td>Cannabinoids (THC)</td>
<td>25 ng/ml</td>
</tr>
<tr>
<td>6-MAM</td>
<td>4 ng/ml</td>
<td>Amphetamine, m-Amphetamine</td>
<td>40 ng/ml</td>
</tr>
<tr>
<td>Hydrocodone and Oxycodone</td>
<td>40 ng/ml</td>
<td>MDMA, MDA</td>
<td>50 ng/ml</td>
</tr>
</tbody>
</table>

**SALIVA ALCOHOL STRIPS**

- 24562 SALIVA ALCOHOL TEST STRIPS - box of 25 strips
  - GIMA Saliva Alcohol Test Strip is a rapid highly sensitive test for the determination of relative blood alcohol concentration in saliva specimens.
  - results in just 3-5 minutes
  - colour chart provides approximate relative blood alcohol concentrations (BAC) from 0.02% to 0.30%
  - no instrumentation is required
  - saliva testing avoids urine collection
  - short expiry date (average 10-22 months)
  - professional use