

# LUX: PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN



**TOTAL CHOLESTEROL**

**HDL**

**LDL**  
\*calculated value

**TRIGLYCERIDES**

**GLUCOSE**

**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**

Measurement of cholesterol, triglycerides, HDL, LDL at the same time in less than 3 minutes.

**Additional hemoglobin and glucose test**

**Software for download PC (GB, IT)**

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.



GIMA code	ACCESSORIES AND SPARES	Minimum order
23984	Lipid strips with tips and chip - need 23997	box of 10
23985	Hemoglobin strips with chip - need 23998	box of 10
23986	Glucose strips	box of 50
23987	Lipid control solution with chip - 2 ml	3 bottles*
23988	Hemoglobin control solution - 2 ml	1 bottle
23989	Glucose control solution - 2 ml	1 bottle
23997	Pipette 15 µl for lipid	-
23998	Pipette 7 µl for hemoglobin	-
23999	Software (CD + cable)	-

\*1 bottle for each parameter (total cholesterol, triglycerides, HDL)

TECHNICAL SPECIFICATIONS - STRIPS	
<b>Measuring method</b>	Photometric, amperometric only for glucose
<b>Test range</b>	Total Cholesterol: 100-400 mg/dL, Triglycerides: 50-600 mg/dL, HDL: 20-80 mg/dL, Hemoglobin: 5-25 g/dL, Glucose: 20-600 mg/dL (standard), mmol/L (settable by user)
<b>Measuring unit</b>	mg/dL (standard), mmol/L (settable by user)
<b>Measuring time</b>	Lipids: within 3 min.; Hemoglobin: 5 sec.; Glucose: 5 sec.
<b>Sample volume</b>	15 µl Cholesterol, Triglycerides, HDL each test; 7 µl Hemoglobin; 45 µl Lipid 3 tests; 0.5 µl Glucose
<b>Type of sample</b>	Lipids and Hemoglobin: fresh capillary blood for self-monitoring and professionals (venous blood samples must be withdrawn by a healthcare professional); Glucose: fresh capillary blood



\*CHOL/HDL & LDL/HDL ratio calculation

**TECHNICAL SPECIFICATIONS LUX MONITOR**

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

# 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 24 months 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 portable 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



23926 CE 0123

GIMA code	ACCESSORIES AND SPARES	Minimum order
23927	PT test strips with chip	box of 12
23928	PT test strips with chip	box of 48
23931	Control solution	1 kit**
24515	Surgilance safety lancets 22G	box of 100
33250	Thermal paper roll 5.7 cm x 25 m	box of 5
23929	Mission printer* - need cable 23930	
23930	Cable printer to PT/INR	23929

\*Supplied with 1 paper roll, adapter, package insert

\*\*Includes 5 level-1 and 5 level-2 0.4 ml bottles, 1 insert, 1 plastic clamp



STANDARD ACCESSORIES		
1 quick reference guide	1 AC adaptor	4 AA batteries
1 carrying case	1 user's manual (GB, IT) on request DE, ES, PT	

TECHNICAL SPECIFICATIONS	
<b>Methodology</b>	Optical fluorescence
<b>Time to results</b>	About 2 minutes
<b>Memory</b>	200 results with date/time
<b>Specimen volume</b>	15 µL
<b>Specimen type</b>	Fresh capillary or venous whole blood
<b>INR measurement range</b>	0.7-7.0
<b>HCT range</b>	25-60 %
<b>Precision</b>	Repeatability and total precision <10%
<b>Accuracy</b>	Y=1.076X-0.078, R=0.924
<b>PC interface</b>	Mini USB
<b>Power source</b>	4 AA batteries or AC adaptor
<b>Battery life</b>	>100 tests
<b>Meter dimension (LxWxH)</b>	152x72x37 mm (6.0"x2.8"x1.5")
<b>Display dimension (LxW)</b>	46x23 mm (1.8"x0.9")
<b>Weight excluding batteries</b>	170 g (6.0 oz)