

TECHNICAL SPECIFICATIONS



power source	3XAAA 1,5V alkaline manganese batteries
number of measurements	more than 1000 measurements
method of measurement	Lipids and Hemoglobin: optical method, Glucose: electrochemical method
display	LCD (LED Backlight)
operation buttons	3 buttons (a power ON/OFF switch, and up button and down button)
memory	1000 readings
function	Average of glucose measurements (7,15,30 days)

BIOCHEMICAL SYSTEMS INTERNATIONAL
is a completely italian Company,
with two sites, one in AREZZO
and the other one in FLORENCE.

BSI operates in the international market,
and is specialized in IDEATION, RESEARCH,
DEVELOPMENT AND PRODUCTION
of diagnostic systems for self-monitoring,
analysis laboratories and telemedicine.

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*italian
product*

EASY
only 45 µL for the complete lipid panel
7 µL for the hemoglobin
0.5 µL for the glucose

NEW STYLE
FOR **PROFESSIONAL**
MONITORING OF **LIPIDS,**
GLUCOSE AND **HEMOGLOBIN**

PORTABLE SYSTEM
FOR PROFESSIONALS
AND PHYSICIANS

PLUS
hemoglobin
and glucose
tests to check quickly
these important
parameters
in your patients

EFFECTIVE
face to face
consultation
with patients

**COMPLETE
LIPID PANEL**
3 minutes
for CHOLESTEROL,
TRIGLYCERIDES,
HDL, LDL
at the same time

When history
generates
the future...



The cardiovascular diseases are linked to the concentration of cholesterol in the blood. Many people don't know that their cholesterol is high, many people know that their cholesterol is high but they don't monitor it. A complete lipid screening can help people to improve the quality of life, simply, in less than three minutes. Lux gives benefits to your patients in the management of cardiovascular diseases and metabolic syndrome thanks also to the ratio calculation of CHOL/HDL and HDL/LDL.

NEW STYLE FOR PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN

TOTAL
CHOLESTEROL

HDL

LDL *calculated value

TRIGLYCERIDES

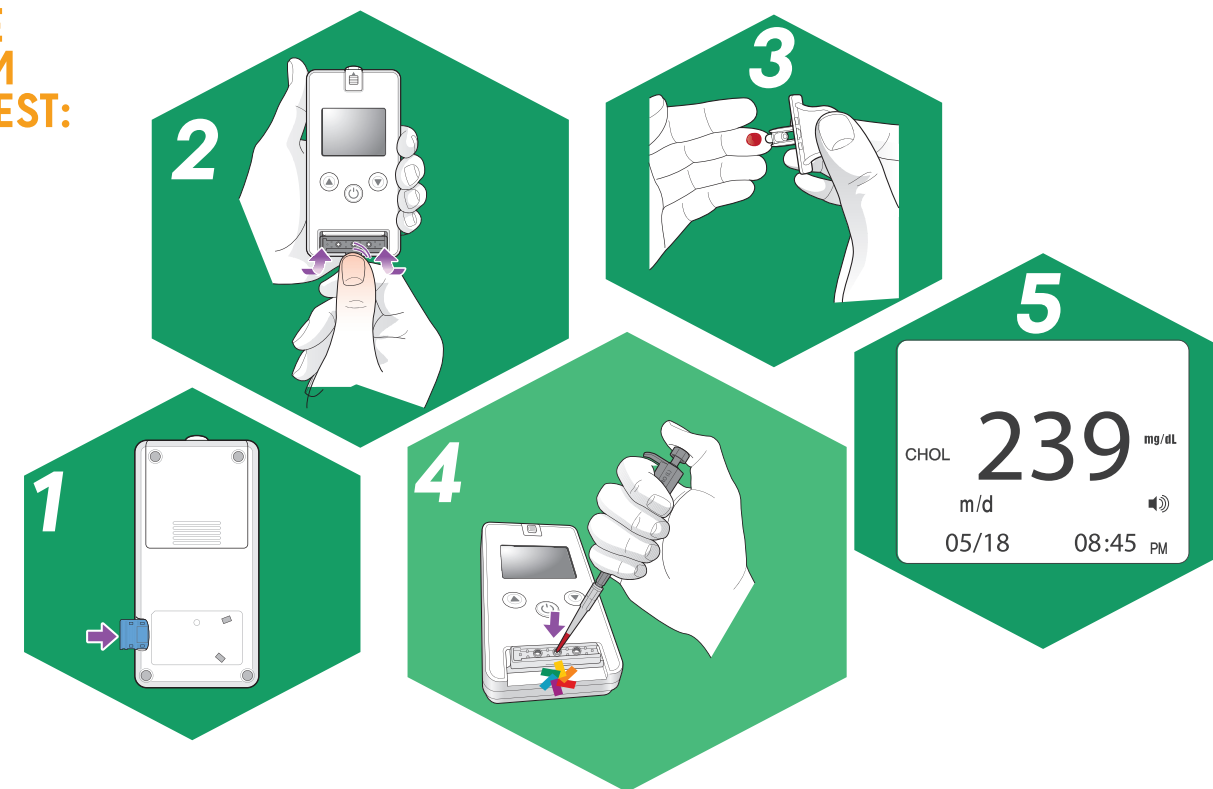
GLUCOSE

HEMOGLOBIN

AT
THE SAME
TIME

CHOL/HDL &
LDL/HDL
ratio
calculation

PROCEDURE TO PERFORM THE LIPID TEST:



TECHNICAL SPECIFICATIONS



measuring method	photometric, amperometric only for glucose
test range	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
measuring temperature	10°C (50°F)~40°C (104°F)
measuring time	Lipids: within 3 min; Hemoglobin: 5 sec; Glucose: 5 sec
sample volume	15 µL Cholesterol, Triglycerides, HDL each test; 7 µL Hemoglobin; 45 µL Lipid, 3 tests; 0,5 µL glucose
type of sample	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