BLOOD GLUCOSE METER

Equipment Details		Person Responsible for the Equipment	
Brand/Model	Lever Check	**Full Name**	Lecturer Merve KIRŞAN BÜYÜKTARAKÇI
Inventory Registration No	255.99.2/20/325	**Telephone**	0 (378) 223 53 74
Equipment Status/Quantity	Aktif/ 1	**Email**	mkirsan@bartin.edu.tr
Laboratory Location	Faculty of Health Sciences / Simulation Laboratory		

Images of the Equipment



Technical Specifications

- ✓ The blood glucose meter and test strips can measure glucose in capillary, venous, neonatal, and whole-blood samples.
- ✓ The blood-contact end of the test strip remains outside the meter during measurement.
- ✓ The meter and test strips use an electrochemical or photometric measurement method.
- ✓ The meter and test strips provide reliable results at operating temperatures between 15°C and 40°C.
- ✓ The meter can store at least 100 test results in its memory.
- ✓ The meter requires no more than 6 µL of blood for each measurement.
- ✓ The meter can be used at the bedside and operated accurately when held in different positions.
- ✓ The meter and test strips provide linear glucose measurements across a broad haematocrit range of approximately 20%–60%.
- ✓ Each container holds no more than 100 test strips.
- ✓ The expiry date is printed on each test strip or its container.
- ✓ Each test-strip container includes a coding chip for entering the strip code into the meter.
- ✓ At least two levels of control solution—low and high—of the same brand as the test strips are provided to verify the accuracy of the meter and strips.
- ✓ The meter provides a result within 5–30 seconds after blood is applied to the test strip.
- ✓ The glucose measurement range is approximately 20–500 mg/dL.
- ✓ When two or more consecutive measurements are performed on the same sample using the same meter, the difference between results does not exceed 5%.