

## CHAPTER 5: TECHNICAL INFORMATION

### System Specifications:

Feature	Specification
Measurement range	10 to 600 mg/dL (0.6-33.3 mmol/L)
Result calibration	Plasma-equivalent
Sample	Fresh capillary whole blood
Sample volume:	About 0.5 $\mu$ L
Test time	About 5 seconds
Power source	Two AAA LR03 1.5V batteries
Battery life	12 months or approximately 1,000 tests
Glucose units of measurement	The meter is pre-set to either millimoles per litre (mmol/L) or milligrams per decilitre (mg/dL) depending on the standard of your country
Memory	Up to 900 records with date and time
Automatic shutoff	2 minutes after last action
Dimensions	93.5 mm $\times$ 60.5 mm $\times$ 20 mm
Display size	47mm $\times$ 37 mm
Weight	Approximately 67.4g (with battery installed)
Operating temperature	5-45°C
Operating relative humidity	10-90% (non-condensing)
Hematocrit range	20-70%