

## 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 µL                                                                                                                               |
| 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 × 60.5 mm × 20 mm                                                                                                                  |
| Display size                 | 47mm × 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%                                                                                                                                     |