

HandyRay-Glu

# The all-in-one Laser Lancing Device

Laser Lancing Device • Glucose Meter • Mobile App

The "HandyRay-Glu" is a all-in-one product combines laser lancing device, glucose meter and mobile care app functions, in specialized diabetic patients or others who are high daily usage.



## Laser Lancet

- Low pain and short ablation time.
- No callus and needle mark despite repetitive uses.
- No risk of secondary infection with high energy laser.
- Portable size.



## Self-measurement for Glucose Level

- Quick and simple measurement with small volume of blood.
- Optimized integrated system with laser lancet and glucose meter.
- Tracking your current health conditions with accumulated data.



## Mobile App for Glucose Level Management

- Providing appropriate solutions for blood sugar trend based on target level.
- Extra care for other factors such as weight and blood pressure.
- motivation via scoring of self-care level.

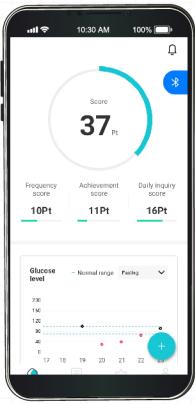


**LaMeditech provides** total personal diabetes management solution that can control the effective blood sugar anytime and every where through the connection between device and mobile application.



### Laser Lancing Device

|                           |                                     |
|---------------------------|-------------------------------------|
| Blood collecting          | <input checked="" type="checkbox"/> |
| Glucose level measurement | <input checked="" type="checkbox"/> |
| Glucose data transmission | <input checked="" type="checkbox"/> |

### Mobile application

- Data gathering
- Trend monitoring
- Self-care scoring
- Performance monitoring

## | Advantages



### 1. Laser Lancing

- Lower pain
- No needle phobia
- No 2nd infection
- No callus and needle mark

### 2. Glucose Meter

- Integrated system with laser lancet
- Tracking health conditions with higher accuracy
- Quick and simple measurement
- Measurement with small volume

### 3. Mobile App

- Helps to maintain glucose levels
- Extra care with other factors
- Simple and easy GUI

## | Specifications

**HandyRay-Glu**

### Laser lancing spec

- |                                   |                                     |                            |
|-----------------------------------|-------------------------------------|----------------------------|
| • Laser type : Er:YAG             | • Laser intensity : 100~180mJ(±20%) | • Laser level : 1~3 Level  |
| • Laser wavelength : 2940nm(±10%) | • Laser class : Class 1             | • Perforation size : 250µm |

### Glucose meter spec

- |                            |                         |                           |
|----------------------------|-------------------------|---------------------------|
| • Hematocrit : 0~70%       | • Test time : 5 seconds | • Data memory : 500 tests |
| • Test range : 20~600mg/dL | • Sample vol. : 0.5µl   |                           |

### Other spec

- |                         |                                  |
|-------------------------|----------------------------------|
| • Product weight : 170g | • Product size : 118 x 60 x 37mm |
|-------------------------|----------------------------------|

