### Measurement Method

1. Fill the sample stage up to the fill line (approx. 3mL).
2. Press START.
3. Measurement is displayed.

### Optional Accessories

- Easy Filter (100pcs)
- Syringe 20mL (3pcs)
- Syringe Filter Orange 45 (50pcs)
- Beaker 100mL
- RePo-1 (Main unit) separately.

### Common Specifications

- **RePo-1**
  - Measurement Scale: All Brix, Conc, SR
  - Measurement Accuracy: User (Fructose %, Honey Moisture %)
  - Measurement Time: 1 seconds
  - Measurement Range: Brix: -2.0 to 999%, Conc: -2.0 to 999%, SR: -999° to +999°
- **RePo-2**
  - Measurement Scale: All Brix, Temp, Concentration
  - Measurement Accuracy: User (Fructose %, Honey Moisture %, Purity, Conc)
  - Measurement Time: 1 seconds
  - Measurement Range: Brix: -2.0 to 99.9%, Conc: -2.0 to 999%, Temp: 0.1°C
- **RePo-3**
  - Measurement Scale: All Brix, Temp, Concentration
  - Measurement Accuracy: User (Fructose %, Honey Moisture %, Purity, Conc, SR)
  - Measurement Time: 1 seconds
  - Measurement Range: Brix: 15 to 40°C, Conc: -2.0 to 999%, Temp: 0.1°C
- **RePo-4**
  - Measurement Scale: All Brix, Temp, Concentration
  - Measurement Accuracy: User (Fructose %, Honey Moisture %, Purity, Conc, SR)
  - Measurement Time: 1 seconds
  - Measurement Range: Brix: 15 to 40°C, Conc: -2.0 to 999%, Temp: 0.1°C
- **RePo-5**
  - Measurement Scale: All Brix, Temp, Concentration
  - Measurement Accuracy: User (Fructose %, Honey Moisture %, Purity, Conc, SR)
  - Measurement Time: 1 seconds
  - Measurement Range: Brix: 15 to 40°C, Conc: -2.0 to 999%, Temp: 0.1°C

### Specific Information

- **Packaging**
  - RePo-1 Type A: Recommended for sugar industry
  - RePo-2 Type B: Recommended for sugar industry
  - RePo-3 Type C: Recommended for sugar industry

- **Specifications and appearance are subject to change without notice.**

**Technical Specifications**

- **RePo-1**
  - Size: 101×160×38mm, Weight: 675g, Headset: 3e+25g, Battery: AAA, Protection Class: IP67

- **RePo-2**
  - Size: 101×160×38mm, Weight: 325g, Headset: 3e+25g, Battery: AAA, Protection Class: IP67

- **RePo-3**
  - Size: 101×160×38mm, Weight: 325g, Headset: 3e+25g, Battery: AAA, Protection Class: IP67

- **RePo-4**
  - Size: 101×160×38mm, Weight: 325g, Headset: 3e+25g, Battery: AAA, Protection Class: IP67

- **RePo-5**
  - Size: 101×160×38mm, Weight: 325g, Headset: 3e+25g, Battery: AAA, Protection Class: IP67

**Evaluation Indicator (RePo-1 only)**

An indicator light alerts the user if a measurement value is within a range set by the user.
Simultaneous Measurement of Refractive Index and Angle of Rotation – Making the Invisible, Visible

Iss RePo-1

Standard model of the RePo Series. Toggle through Angle of Rotation, Brix, Purity, International Sugar Scale, Specific Rotation and temperature displays simply by pressing a button.

HFCS RePo-2

HFCS (high-fructose corn syrup) is a liquid sweetener mixture of glucose and fructose. As it possesses a distinctive quality in which sweetness levels increase under low temperatures, it is used in soft drinks and frozen desserts. The RePo-2 displays the amount of fructose (%) contained in HFCS.

Inverted Sugar RePo-3

Inverted Sugar is a sweetener made by hydrolyzing (splitting) sucrose into glucose and fructose. In contrast to sucrose and glucose, which exhibit slight dextro rotation, fructose has strong levorotation. This instrument displays the amount of sucrose that was converted as an inverted ratio (%).

Honey RePo-4

In Europe, purity analysis through angle of rotation is designated per honey and food standards. This instrument measures the amount of fructose (%) among the sugars contained in the honey and honey moisture (%), which is useful when harvesting honey.

RI RePo-5

Displays refractive index. This model can display angle of rotation and refractive index, making it ideal for a wide range of samples and industries.