

**FEATURES**
**AR1300**

- ◆ Measurement of Refractive index nD of transparent.  
or translucent liquid and solid substance.
- ◆ Measurement of brix of sugar solution.
- ◆ Prism made of hard glass.
- ◆ Visual aim and LCD Display.
- ◆ Automatic correction of the effect of temperature on the Brix.
- ◆ Printer Interface for direct data print out.


**SPECIFICATIONS**
**HSN : 90275030**

| PRODUCT NAME                   | ABBE REFRACTOMETER |
|--------------------------------|--------------------|
| MODEL                          | AR1300             |
| Refractive index nD Range      | 1.3000-1.7000      |
| Dissolved Solid °Brix Range    | 0-100%             |
| Accuracy refractive index nD   | $\leq \pm 0.0002$  |
| Accuracy Dissolved Solids Brix | $\pm \leq 0.1\%$   |
| Temperature Resolution         | 0.1°C              |
| Temperature Range (Min 0.1°C)  | 0.-50°C            |
| Range of Brix Versus Temp.     | 15-45°C            |
| Usage Temperature Range        | Ambient to 35°C    |
| Interface                      | RS232C             |
| Power Supply                   | AC 220V / 50Hz     |
| Packing Dimension (L x W x H)  | 370x240x470 mm     |
| Gross Weight                   | 12 kg              |
|                                |                    |

\* Specifications are subject to change without Notice