

## REFRACTOMETER



### WYA (2WAJ) ABBE REFRACTOMETER

#### **Characteristic:**

Measure the refractive index  $n_D$ , the average dispersion  $n_F - n_C$  of transparent or translucent liquid or solid substance and mass fraction (Brix) of cane sugar solution; wide utilization in the fields as petroleum, oil, pharmaceutical, paint, food, chemical and sugar refining industries, as well as in geological prospecting enterprises, colleges, universities and scientific research institutions; visual aim; optical dividing plate reading; easy and credible

Refractive index  $n_D$ : 1.3000-1.7000

Dissolved solids Brix: 0-95%

Accuracy:  $\pm 0.0002$

Quality (Net): 2.6kg

Outer size: 200mm  $\times$  100mm  $\times$  240mm



### WYA -2S ABBE DIGITAL REFRACTOMETER

#### **Characteristic:**

Measure the refractive index  $n_D$  of transparent liquid or solid substance and the Brix of the sugar solution; visual aim; LED display; can correct the affect of temperature on the Brix automatically

Measuring range: Refractive index  $n_D$ : 1.3000-1.7000

Measuring range: Dissolved solids Brix: 0-95%

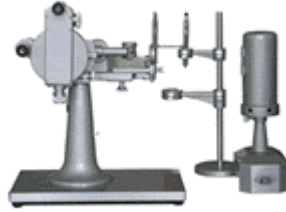
Accuracy: refractive index  $n_D$ :  $\leq \pm 0.0002$

Accuracy: Dissolved Solids Brix:  $\leq \pm 0.1\%$

Temperature Range: 0-50°C

Quality (Net): 10kg

Outer size: 330mm×180mm×380mm



### **WYV V-PRISM REFRACTOMETER**

#### ***Characteristic:***

Determine refractive index and mean or partial dispersion of transparent or semitransparent solids and liquids, is an instrument essential for scientific research institutes and universities; visual aim; quick measure; high precision; easy operation

Measuring range: index of refraction for solid: 1.30-1.95

Measuring range: index of refraction for liquid: 1.30-1.70

Accuracy:  $\pm 5 \times 10^{-5}$

Wavelengths: 706.5, 656.3, 589.3, 587.6, 546.1, 486.1, 435.8, 404.7nm

Quality (Net): 11kg