



Regd. Trade Mark
No. 949326

AUTOMATIC POLARIMETER (SACCHARIMETER)

with sugar Scale (+-120°Z) & Angular scale (+-45°)

MODEL NO. AP-302



SPECIFICATIONS :

- > Principle : Digital polarimeter based on Optical Null Principle
- > Modulator : Faraday magneto-optical modulator
- > Light source : Sodium lamp plus filter, wavelengths 589.44mm
- > Minimum sample transmittance: 1%
- > Range of measurement : +-45°(+120° Z)
- > Minimum value in reading : 0.001°(0.01° Z)
- > Accuracy : +-(0.01°+ measuring value x0.05%)
+-(0.03° Z + measuring value x0.05%)°
- > Repeatability : sample transmittance >1% >0.002°(0.002° Z)
- > Sample tube : 100mm, 200mm
- > Power supply : 220V +-22V, 50Hz+-Hz
- > Dimensions : 600mmx320mmx200
- > Weight : 30kg

Printer (A) Computer (B) Laptop You can attach any one A ore B

Show, How you shall get print of your sample (Reading)
By our Automatic Saccharimeter Model AP-302

Date : 07-03-2008
Exec Time : 12:50:09
Handler : goldy
Times : 3

Date : 07-03-2008
Exec Time : 12:48:13
Handler : goldy
Times : 3

SAMPLE :sugar
NUMBER :004

SAMPLE :sugar
NUMBER :003

Optical rotation 1 : 34.799
Optical rotation 2 : 34.836
Optical rotation 3 : 34.819
Sampling Done!

Optical rotation 1 : 34.809
Optical rotation 2 : 34.831
Optical rotation 3 : 34.803
Sampling Done!

The Average : 34.818

The Average : 34.8143