

DIPO20 Automatic Polarimeter

Product Details

Product Number

PRO6029



Technical Specification:

DIPO20 Optical Rotation Polarimeter is an instrument for measuring the optical rotation of a substance. By measuring the optical rotation of the sample, the concentration, purity, sugar content or content of the sample can be determined.

Optical Rotation Polarimeter Introduction

Advantage:

The instrument has good accuracy and repeatability.
The most cost-effective price for similar products

Optical Rotation Polarimeter Parameter

Model :	DIPO20
Product name :	Optical rotation polarimeter
Measuring range:	-45° ~ +45° -120°Z ~ + 120°Z
Working wavelength:	589.3nm
Minimum reading value:	0.001° 0.01°Z
Accuracy:	± (0.01°+measurement value×0.05%) ± (0.03°+measurement value×0.05%) Z
Repeatability (maximum deviation):	≤0.002° ± 0.006°Z
The lowest transmittance of measurable samples:	1%
Display mode:	LCD screen
Dimensions:	600mm×320mm×220mm

Optical Rotation Polarimeter Feature

- Built-in Parapets temperature control, improve accuracy and stability.
- there are rotation/specific curl/concentration/sugar degree and custom mode.
- LED cold light source instead of the traditional sodium light lamp and halogen tungsten lamp.
- Compliance with 21CFR Part 1 audit trail, pharmacopoeia and electronic signature.
- Support network printing, support data statistical retrieval.
- Multi-level authority management, authority can be freely configured.
- 10-inch touch color screen, user-friendly operation interface.
- The system comes with automatic calibration system.
- Comply with GLP GMP certification

Fields of use

Optical rotation polarimeter is widely used in industrial production, scientific research and teaching departments such as sugar, pharmacy, drug testing, food, spices, monosodium glutamate, chemical industry, petroleum, etc., laboratory analysis or process quality control.

Accessories: