

Product Name :
Automatic Digital Polarimeter

Product Code :
PCR MACHINES0002



Description :

Automatic Digital Polarimeter

Technical Specification :

The polarimeter is an instrument used for determining the optical rotation of substances. In this way, the concentration, content purity, etc. of certain substances can be found out. Therefore, the polarimeter has become one of the most useful instruments in laboratories of

superficially pharmaceutical industry, crystallizing, food & industry, chemical

SALEABLE FEATURES

Touch screen colour display

Temperature display

Faraday magneto-optical modulator

polarizer Polarizing film

Digital Polarimeter based on Optical null principle

No warm-up time is required when instrument is switched on

Measuring multiple samples quickly and accurately, sugar degree and concentration

Automatic repetition measurement for 6 times, and calculation of average value.

Measurement of dark-coloured sample

Response time 3"/sec.

Insulated Sample chamber to keep sample temp. constant

User can set repeating sample between 1 to 6

Photo diode Detector

Data display - date, time, measuring mode, length of tube, temp. test time, measured value (1 - 6 values), average value.

Purity method - saccharic concentration

ADP 55 - Peltier principle to control the temperature

APPLICATION

Pharmaceutical Industry

Monitoring chemical processes

Purity control and determination of concentration

Characterization of new synthetic substances

Hospitals & Pharmacies

Chemical Industry

Purity control and determination of concentration

Industrial quality control (process control)


Determination of changes in the configuration

Pharmaceutical Industry

Quality control of original and imitated product

Determination of food industry

Determination of concentration

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