

Abbe - 2WAJ Refractometer

tabletop refractometer to measure accurately the refractive index and the sugar content

The Abbe-2WAJ refractometer is a tabletop instrument to determine quickly and accurately the refractive index nD (between 1,300 and 1,700) as well as the sugar content in liquids, dispersions, emulsions ... and other translucent substances. With this refractometer you will be able to determine the refractive index with a temperature range from 0 ... to + 70°C by using the thermometer included in the delivery. The temperature can be controlled by means of an external thermostat with incorporated water tube adapters in the upper and lower prisms. The Abbe-2WAJ refractometer allow you to accurately determine the sugar content with a range of 0... 95% (1,333 1,531). Apart from these functions, the [refractometer](#) can also be used to measure and analyze fats, oils, paints, food, lacquered and chemical substances, alcohols and solvent elements.



Technical specifications

Measurement ranges	
- Refractive index	1,300 ... 1,700 nD
- Sugar content	0 ... 95 %
Resolution	
- Refractive index	0.0002 nD
- Sugar content	0.25 %
Accuracy	
- Refractive index	± 0.0002 nD
- Sugar content	± 0.25 %
Indicator	divided scale (upper part % Brix / lower part: refractive index nD)
Weight	3,000 g

Delivery contents

1 Abbe 2WAJ refractometer, 1 screwdriver, 1 adaptable thermometer and user's manual