



DIGITAL REFRAKTOMETER SMARTREF



SmartRef: Precision for Every Application

The SmartRef Digital Refractometer determines numerous measurement units for a wide variety of applications: Extract content of beer wort, sugar content in fruits and vegetables, salinity in saltwater aquariums and pools, moisture in honey, TDS in coffee, and more...

MEASUREMENT UNITS

- Babo [°Babo]
- Baumé [°Bé]





- Brix [°Bx]
- Cutting oil concentration [%oil]
- Ethylene glycol [%v/v]
- Ethylene glycol [%w/w]
- Ethylene glycol [°C EG]
- Ethylene glycol [°F EG]
- Freezing point E.G (°C)
- Freezing point E.G (°F)
- Freezing point P.G (°C)
- Freezing point P.G (°F)
- Moisture in honey [%water]
- KMW [°KMW]
- Oechsle CH [°Oe CH]
- Oechsle GER [°Oe GER]
- Potential Alcohol Brix [%v/v]
- Potential Alcohol Oechsle [%v/v]
- Practical salinity units [PSU]
- Propylene glycol [%v/v]
- Propylene glycol [%w/w]
- Propylene glycol [°C PG]
- Propylene glycol [°F PG]
- Refractive index [nD]
- Refractive index at 20 °C [nD @20]
- Salinity parts per thousand [ppt]
- Salinity specific gravity [SG 20/20]
- Temperature [°C]
- Temperature [°F]
- Total dissolved solids [%TDS]
- Total dissolved solids [custom](#) [%TDS]
- Urine SG 20/20 Cat [USG Cat]
- Urine SG 20/20 Dog [USG Dog]
- Urine SG 20/20 HUMAN [USG Human]
- Urine SG 20/20 Large Mammal [USG LM]
- Wort Plato [°P]
- Wort specific gravity [SG 20/20]

PRODUCT FEATURES

- Free mobile app for iOS/Android
- Measuring range (0 to 85 °Brix)
- Automatic temperature compensation (ATC)
- Built-in wort and alcohol correction that is fully configurable
- Resolution of 0.01 °Brix
- High precision with up to 0.04 °Brix
- Quick measurement (2 Sec.)
- Small sample volume (0.4 mL)
- [SmartGuide+](#) intelligent measurement guidance
- Data visualization, storage, and sharing via app
- Dust-tight and protected against strong water jets (IP 66 according to IEC 60529)

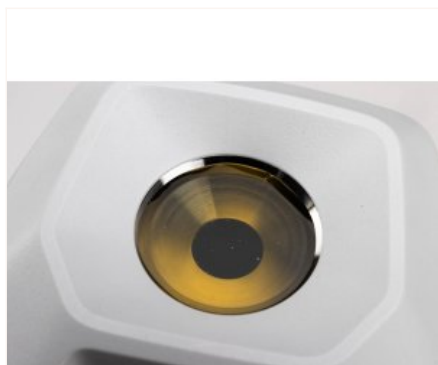




DESTILLER

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