

Instant and Affordable Sugar Analysis Directly in the Vineyards



Measurements directly in the vineyards

With its compact size and robust design, the MyBrix pocket refractometer is perfectly suited to check the ripeness of grapes before harvesting.



Measurements within seconds

The MyBrix refractometer measures refractive index as well as sugar content instantly and precisely. Results are received within just 2 seconds in the desired scale.



Brix and more

Results are automatically temperature compensated and converted into up to 3 of the 10 integrated sugar-related scales, including Brix, Oechsle, Baumé and many more.



Say farewell to your analog refractometer

Digital refractometers increase results reliability in comparison with analog refractometers, eliminating operator dependency and assisting with error detection.



MyBrix Refractometer Portable and Simple to Use

With a weatherproof (IP65 rated) and pocket-sized design and a selection of three sugar-related scales in a single device, the MyBrix pocket refractometer is the perfect choice for measurements in the vineyard as well as in the wine cellar.

Ideal for determining the optimal harvesting time of grapes and measuring the sugar content of grape juice and grape must before fermentation.

Technical Specifications

Brix (% w/w)	Measuring range	0–95
	Accuracy	±0.2
	Resolution	0.1
Refractive Index (nD)	Measuring range	1.33–1.53
	Accuracy	±0.0003
	Resolution	0.0001
Measurement scales	Refractive index, Brix, Brix compensated 20 °C, HFCS 42 / 55 / 90, °Baumé, KMW, Oechsle German / Swiss, °Plato, Wort	
Display	1.8" digital LCD	
Parts in contact with sample	8 mm optical glass, stainless steel, ABS (case material)	
Sample volume	0.3 ml	
Instrument dimensions (L x W x H)	115 x 54 x 30 mm	
Weight	115 g (including batteries)	
IP Rating	IP65	
Humidity	<95% RH (non-condensing)	
Batteries	3V, 2 x AAA	
Battery Life	10'000 readings	
Standard compliance	www.mt.com/dere-norms	
Special features	High Ambient Light detection (HAL), Error messaging, Battery life indicator	

Scales (available on onboard library)

Application	Scale	Units	Range	Resolution	Accuracy	ATC*
Food & Beverage	°Brix (ATC)	% Weight / Weight	0–95	0.1	±0.2	°Brix
Food & Beverage	°Brix	% Weight / Weight	0–95	0.1	±0.2	None
Food & Beverage	Refractive Index		1.33–1.53	0.0001	±0.0003	None
Food & Beverage	42 HFCS (High Fructose Corn Syrup)	% Weight / Weight	0–95	0.1	±0.2	°Brix
Food & Beverage	55 HFCS (High Fructose Corn Syrup)	% Weight / Weight	0–95	0.1	±0.2	°Brix
Food & Beverage	90 HFCS (High Fructose Corn Syrup)	% Weight / Weight	0–95	0.1	±0.2	°Brix
Wine & Beer	°Baumé	Degrees	0–50	0.1	±0.2	°Brix
Wine & Beer	KMW (Babo)	Degrees	0–25	1	±1	°Brix
Wine & Beer	Oechsle (German)	Degrees	30–130	1	±1	°Brix
Wine & Beer	Oechsle (Swiss)	Degrees	0–130	1	±1	°Brix
Wine & Beer	°Plato	Degrees	0–30	0.1	±0.2	°Brix
Wine & Beer	Wort (Sucrose Equivalent)	Specific Gravity (d20/20)	1.000–1.120	0.0005	±0.001	°Brix

* Automatic temperature compensation (ATC) will correct readings of water and sucrose solutions to 20 °C.

Instruments and Accessories

Material Description	Material Number
Handheld Refractometer MyBrix	30693200
Handheld Refractometer MyBrix pack of 10	30693201
Packaging Box MyBrix	30693202
Soft Case MyBrix	30693215