

Refractometers Product Overview

Application	Art no	Range	Accuracy	Remarks	ATC	Hand refractometer	Table refractometer	Analogue	Digital
Concentrations of sugar in marmalades, fruits, honey, syrups, wine and monitoring of oil emulsions	RF.5190	0-90 Brix	0.2	3 scales: 0-42 / 42-71 / 71-92 Brix	-	•		•	
	RF.5510	0-10 Brix	0.1		•	•		•	
	RF.5520	0-20 Brix	0.1		•	•		•	
	RF.5532	0-32 Brix	0.2		•	•		•	
	RF.5562	28-62 Brix	0.2		•	•		•	
	RF.5580	0-80 Brix	0.5		•	•		•	
	RF.5582	40-82 Brix	0.5		•	•		•	
Concentrations of grapes and fruit	RF.5635	0-140 °Oe	1 °Oe	Oechsle units Sugar concentration Babo units	•	•		•	
		0-32 Brix	0.2 Brix						
		0-25 °	0.2 ° KMW						
Concentration of sugar, nD indices, only for sugar	RD.5635	0-35 Brix	0.1		•	•		•	
	RD.5645	0-45 Brix	0.1		•	•		•	
	RD.5665	1.33-1.40 R.I.	0.0001						
Substance identification of Sugar concentration	98.490	0-95 Brix	0.5	(Abbe table refractometer without light source)			•	•	
		1.30-1.70 R.I.	0.0003						
Concentration of sugar/ alcohol % in alcohol-sugar solutions	RF.5625	0-25 %	0.2 %	% volume	•	•		•	
		0-40 Brix	0.2 Brix						
Salinity and concentration of sugar	RF.5610	0-100 ‰/00	1 ‰/00	% salinity Only for sugar/salt	•	•		•	
	RD.5728	0-10 Brix	0,1 Brix		•	•		•	
		0-28 %	0.1 %						
		0-35 Brix	0.1 Brix						
Clinical applications Proteins	RF.5612	0-12 g/dl	0.2 g/dl	Proteins in serum Urine specific gravity	•	•		•	
		1.00 tot 1.05 sg	0.002 sg						
		1.333-1.360 R.I.	0.0005						
	RD.5712	0-12 g/dl	0.2 g/dl	Proteins in serum Urine specific gravity	•	•		•	
Battery Acid Coolant	RF.5650	1.15-1.30	0.01	Battery Acid Ethylene glycol Propylene glycol	•	•		•	
		0 / -50 °C	5 °C						
		0 / -50 °C	5 °C						
Moisture content contact lenses	RF.5315	35-80 %	1 %		-	•	•		
Identification of precious stones	RF.5381	1.30-1.81 R.I.	0.01	with 590 nm filter	-		•	•	
	RF.5382	1.30-1.81 R.I.	0.01	with 590 nm filter, polarisation filter and light source	-		•	•	