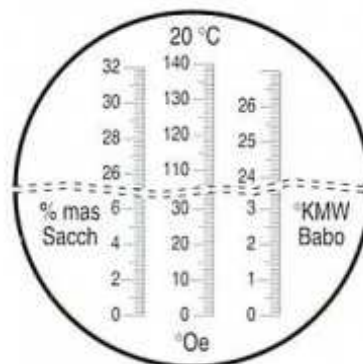


RIFRATTOMETRO PER VINO



Range: saccarosio 0-32% Brix; Oechsle 0-140% °Oe; Babo 0-26 °Kmw

Scala: 0,2% Brix; 1 °Oe; 0,2 °Kmw

Il rifrattometro per viticoltura serve per determinare il contenuto di zucchero nel mosto e di conseguenza il contenuto potenziale di alcool nel vino.

Le unità di misura più comunemente utilizzate sono Brix, Oechsle e Babo. In Germania quella più importante è il Oechsle (°Oe). Tutte queste unità misurano con lo stesso principio, secondo il quale 16,5g di zucchero producono un 1% di alcool.

Istruzioni di utilizzo

1. Pulire e asciugare con cura il coperchio e il prisma prima di cominciare la misurazione.
2. Mettere 1-2 gocce della prova sul prisma servendosi di un'apposita pipetta (evitare la formazione di bolle d'aria che potrebbero influire negativamente sul risultato della misurazione).
3. Chiudere il coperchio
4. Muovere leggermente il coperchio per ripartire in modo più omogeneo il fluido della prova.
5. Tenere il rifrattometro sotto la luce solare e attraverso l'oculare si potrà osservare il valore tra il margine chiaro / scuro.
6. Ruotare l'oculare per regolare la scala.
7. Pulire ed asciugare con cura il prisma e il coperchio dopo ogni misurazione.

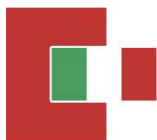
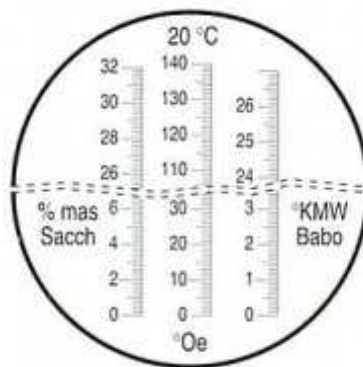


Tabella di conversione tra le varie scale

°Brix	°Babo	°Be	Peso Specif. Specific Wgt	°Brix	°Babo	°Be	Peso Specif. Specific Wgt	°Brix	°Babo	°Be	Peso Specif. Specific Wgt
0	0,00	0,00	0,998234	30	25,50	16,25	1,126984	60	51,00	32,14	1,286456
1	0,85	0,31	1,002120	31	26,35	16,80	1,131773	61	51,85	32,65	1,292354
2	1,70	0,86	1,006015	32	27,20	17,36	1,136596	62	52,70	33,16	1,298291
3	2,55	1,42	1,009934	33	28,05	17,88	1,141453	63	53,55	33,67	1,304267
4	3,40	1,98	1,013881	34	28,90	18,42	1,146345	64	54,40	34,18	1,310282
5	4,25	2,53	1,017854	35	29,75	18,96	1,151275	65	55,25	34,68	1,316334
6	5,10	3,09	1,021855	36	30,60	19,50	1,156238	66	56,10	35,19	1,322425
7	5,95	3,64	1,025885	37	31,45	20,06	1,161236	67	56,95	35,69	1,328554
8	6,80	4,20	1,029942	38	32,30	20,57	1,166263	68	57,80	36,19	1,334722
9	7,65	4,75	1,034029	39	33,15	21,11	1,171340	69	58,65	36,69	1,340928
10	8,50	5,30	1,038143	40	34,00	21,65	1,176447	70	59,50	37,19	1,347174
11	9,35	5,86	1,042288	41	34,85	22,18	1,181592	71	60,35	37,69	1,353456
12	10,20	6,41	1,046462	42	35,70	22,71	1,186773	72	61,20	38,19	1,359778
13	11,05	6,96	1,050665	43	36,55	23,25	1,191993	73	62,05	38,68	1,366139
14	11,90	7,51	1,054900	44	37,40	23,78	1,197247	74	62,90	39,17	1,372536
15	12,75	8,06	1,059165	45	38,25	24,31	1,202540	75	63,75	39,66	1,378971
16	13,60	8,61	1,063460	46	39,10	24,84	1,207870	76	64,60	40,15	1,385446
17	14,45	9,16	1,067789	47	39,95	25,37	1,213238	77	65,45	40,64	1,391956
18	15,30	9,71	1,072147	48	40,80	25,89	1,218643	78	66,30	41,12	1,398505
19	16,15	10,26	1,076537	49	41,65	26,42	1,224086	79	67,15	41,61	1,405091
20	17,00	10,81	1,080959	50	42,50	26,95	1,229567	80	68,00	42,09	1,411715
21	17,85	11,36	1,085414	51	43,35	27,47	1,235085	81	68,85	42,57	1,418374
22	18,70	11,90	1,089900	52	44,20	27,99	1,240641	82	69,70	43,05	1,425072
23	19,55	12,45	1,094420	53	45,05	28,52	1,246234	83	70,55	43,52	1,431807
24	20,40	13,00	1,098971	54	45,90	29,04	1,251866	84	71,40	44,00	1,438579
25	21,25	13,54	1,103557	55	46,75	29,54	1,257335	85	72,25	44,47	1,445338
26	22,10	14,09	1,108175	56	47,60	30,07	1,263243	86	73,10	44,94	1,452232
27	22,95	14,63	1,112828	57	48,45	30,59	1,268989	87	73,95	45,41	1,459114
28	23,80	15,18	1,117512	58	49,30	31,11	1,274774	88	74,80	45,88	1,466032
29	24,65	15,75	1,122231	59	50,15	31,62	1,280595	89	75,45	46,34	1,472986



REFRACTOMETER FOR WINE



Range: sucrose 0-32% Brix; Oechsle 0-140% °Oe; Babo 0-26 °Kmw

Scale: 0,2% Brix; 1 °Oe; 0,2 °Kmw

The viticulture refractometer serves to determine the sugar content in the must and consequently the potential alcohol content in the wine.

The most commonly used units of measurement are Brix, Oechsle and Babo. In Germany the most important is the Oechsle (°Oe). All these units measure with the same principle, according to which 16,5g of sugar produce 1% alcohol.

Instructions of use

1. Carefully clean and dry the coverage and prism before starting the measurement.
2. Put 1-2 drops of the test on the prism using a pipette (avoid the formation of air bubbles which could adversely affect the measurement result).
3. Close the coverage.
4. Move the coverage slightly to distribute the test fluid more evenly.
5. Hold the refractometer under the sunlight and through the eyepiece you can observe the value between the light / dark margin.
6. Rotate the eyepiece to adjust the scale.
7. Carefully clean and dry the prism and the coverage after each measurement.



Conversion table between the various scales

°Brix	°Babo	°Be	Peso Specif. Specific Wgt	°Brix	°Babo	°Be	Peso Specif. Specific Wgt	°Brix	°Babo	°Be	Peso Specif. Specific Wgt
0	0,00	0,00	0,998234	30	25,50	16,25	1,126984	60	51,00	32,14	1,286456
1	0,85	0,31	1,002120	31	26,35	16,80	1,131773	61	51,85	32,65	1,292354
2	1,70	0,86	1,006015	32	27,20	17,36	1,136596	62	52,70	33,16	1,298291
3	2,55	1,42	1,009934	33	28,05	17,88	1,141453	63	53,55	33,67	1,304267
4	3,40	1,98	1,013881	34	28,90	18,42	1,146345	64	54,40	34,18	1,310282
5	4,25	2,53	1,017854	35	29,75	18,96	1,151275	65	55,25	34,68	1,316334
6	5,10	3,09	1,021855	36	30,60	19,50	1,156238	66	56,10	35,19	1,322425
7	5,95	3,64	1,025885	37	31,45	20,06	1,161236	67	56,95	35,69	1,328554
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12	10,20	6,41	1,046462	42	35,70	22,71	1,186773	72	61,20	38,19	1,359778
13	11,05	6,96	1,050665	43	36,55	23,25	1,191993	73	62,05	38,68	1,366139
14	11,90	7,51	1,054900	44	37,40	23,78	1,197247	74	62,90	39,17	1,372536
15	12,75	8,06	1,059165	45	38,25	24,31	1,202540	75	63,75	39,66	1,378971
16	13,60	8,61	1,063460	46	39,10	24,84	1,207870	76	64,60	40,15	1,385446
17	14,45	9,16	1,067789	47	39,95	25,37	1,213238	77	65,45	40,64	1,391956
18	15,30	9,71	1,072147	48	40,80	25,89	1,218643	78	66,30	41,12	1,398505
19	16,15	10,26	1,076537	49	41,65	26,42	1,224086	79	67,15	41,61	1,405091
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22	18,70	11,90	1,089900	52	44,20	27,99	1,240641	82	69,70	43,05	1,425072
23	19,55	12,45	1,094420	53	45,05	28,52	1,246234	83	70,55	43,52	1,431807
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26	22,10	14,09	1,108175	56	47,60	30,07	1,263243	86	73,10	44,94	1,452232
27	22,95	14,63	1,112828	57	48,45	30,59	1,268989	87	73,95	45,41	1,459114
28	23,80	15,18	1,117512	58	49,30	31,11	1,274774	88	74,80	45,88	1,466032
29	24,65	15,75	1,122231	59	50,15	31,62	1,280595	89	75,45	46,34	1,472986