

Determination of Alcohol and Volatile Content

Distillation Units



D 1

Steam distillation units D 1 and D 2

- Alcohol
- Volatile acid contents
- Fermentation process (beer, etc.)
- Ammonium chloride in liquorice products

Distillation units for determining alcohol and volatile acid content in wine and other alcoholic drinks. Complete glassware, with volumetric flasks and pycnometer. Because of its rapidity, the behr D 1 and D 2 are especially suitable for high sample throughputs.

The supplied Windows software permits the user to transfer distillation parameters, which are specifically for the application, via the RS232 interface in both directions between one or more units and a PC. A library with common applications is already included on the CD. Data can also be transmitted from the unit to the PC via the RS232 interface while operating. The user can save them if necessary and print them out as graphics.

Model	Article description	230 V~ Art.-No.	115 V~ Art.-No.
D 1	Steam distillation unit for determining alcohol content. Distillation into a pycnometer	80 48 49010	80 48 490105
D 2	Steam distillation unit for determining Volatile acid content. Distillation into an erlenmeyer flask 500 ml	80 48 49011	80 48 490115

Technical data D 1

Dimensions (W x H x D in cm)	approx. 41 x 67,5 x 41	
Weight	approx. 32 kg	
Nominal voltage	230 VAC/ 115 VAC	50 Hz/ 60 Hz
Power/ current consumption	1700 W	9 A /18 A
Cooling water consumption	approx. 5 l/min	
Storage container	Any size, Recommendation: behrotest® set of canisters	
Display	LCD	
Programs	1	

Distillation units behrotest® WE 1/H

Model	Article description	230 V~ Art.-No.	115 V~ Art.-No.
WE 1/H	Single steam generator, 400 W, with additional heating	80 48 52200	80 48 522005

Glassware for alcohol distillation in the WE 1/H

Model	Article description	Art.-No.
GSAB	Glassware for determining alcohol content. Distillation into a volumetric flask. incl. pycnometer	80 48 52102
GSABP	Glassware for determining alcohol content. Distillation into a pycnometer	80 48 52103

Technical data WE 1/H

Dimensions (W x H x D in mm)	approx. 290 x 670 x 380	
Weight	approx. 12,8 kg	
Nominal voltage	230 VAC/ 115 VAC	50 Hz/ 60 Hz
Power/current consumption	400 W	3 A/ 6 A
Cooling water consumption	approx. 5 l/min	
Distillation time	approx. 10 min per sample	
Storage container	any size, Recommendation: behrotest® set of canisters	



WE 1/H + GSAB