

## Distillation equipment

### Code PBB001, PBB002

- Endo Glassware presents these two pieces of equipment for simple and fractional distillation, highly useful in chemistry laboratories or for teaching purposes.
- Simple distillation is a technique used for the separation of liquids (with a boiling point  $<150^{\circ}\text{C}$ ) from non-volatile impurities and is also employed for the separation of two miscible liquids whose boiling points are below  $150^{\circ}\text{C}$  and differ by at least  $25^{\circ}\text{C}$ .
- Fractional distillation is a technique used for the separation of miscible substances whose boiling points differ by less than  $25^{\circ}\text{C}$ . The difference compared to the simple distillation equipment lies in the presence of a fractionating column between the flask and the distillation head.
- Endo Glassware's distillation equipment, made of borosilicate glass and with 29/32 ground joints, includes all the necessary glass elements to carry out these reactions. Additionally, they come with securing clips for the ground joints made of highly heat-resistant polyoxymethylene.
- The flask supplied with each set has a capacity of 250 mL, but other flasks of greater or lesser capacity can be used as long as they have a 29/32 ground joint.
- The various components of the sets are also available individually for the replacement of damaged parts.



Code	Description
PBB001	Equipo de destilación simple, 250 mL
PBB002	Simple distillation equipment, 250 mL

### Composed of:

Code	Description
PBL015	Round-bottom spherical flask, 29/32 ground joint, 250 mL
PBP002	Vigreux column, 29/32 ground joint (for PBB002 set)
PBQ028	$75^{\circ}$ angled piece, 29/32 ground joint
KJB011	Thermometer from $-10$ to $100^{\circ}\text{C}$
PBN010	Liebig condenser, 29/32 ground joint, 250 mm
PBQ031	Angled terminal, 29/32 ground joint, 100 mm
FCM010	Polyoxymethylene (POM) clip for ground joints