

AD-1 Automated Degasser

- For quick degassing of carbonated beverages



AD-1 Automated Degasser is an instrument developed by AT2E for quick degassing of the dissolved CO₂ gas in carbonated beverages in order to test the degassed samples accordingly.

The instrument consists of degassing unit and vacuum pump. The stirring time of the degassing unit can be set according to the characteristics.

Working principle

To stir the carbonated beverage with the high-speed stirrer to make the dissolved CO₂ gas release rapidly, then generate the vacuum condition with a vacuum pump to exhaust the released CO₂ gas from chamber, thus achieving the purpose of quick degassing of the sample.

Technical specifications:

- Degassing unit
 - Power supply: 220V AC 50Hz
 - Rated power: 1000 W
 - Dimensions: 220×250×490mm
 - Weight: 13 kg
 - Configuration: Power switch, power cord, timer, buffer cup, speed regulating knob, etc.

- Oil-free Vacuum pump
 - Power supply: 220V AC 50Hz
 - Rated power: 180 W
 - Ultimate vacuum level (absolute pressure): -0.095Mpa (50mbar)
 - Pumping speed: 30L/min.
 - Dimensions: 315×135×210mm
 - Weight: 10 kg
 - Configuration: Vacuum gauge, portable handle, suction cup footer, quick coupling, power switch, etc.
- Sample specifications:
 - Temperature: 5 - 40 °C
 - Volume: 400 - 1200 ml

Optional:

- AD-2 for dual degassing units

**AD-2 for Dual degassing units**