

AD-1/AD-2 Automated Degasser

- For quick degassing of carbonated beverages



AD series 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

- AD-1 to stir the carbonated beverage with the high-speed stirrer
- AD-2 to vibrate the carbonated beverage with the ultrasonic

Both models could 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:

Item	Degassing unit		Oil-free Vacuum pump
Model	AD-1	AD-2	AD-1/AD-2
Power Supply	220V	220V	220V
Rated power	1000W	100W	180W
Dimension	220x250x490 mm	460x250x350 mm	315x135x210mm
Weight	13 kg	6 kg	10 kg
Remark	Stirring time: 0-9999 s	Vibrating: 0-9999 s	Pumping speed: 30L/min

- Sample specifications:
 - Temperature: 5 - 40 °C
 - Volume: 400 - 1200 ml

Optional:

- AD-D for dual degassing units

**AD-D for Dual degassing units**