BIOBASE®

Automatic Digestor

Introduction:

The GDA-20S is a sample pretreatment equipment with precise temperature control, uniform heating, and strong corrosion resistance. Its core function is to convert test samples into clear, homogeneous liquid samples via a programmed high-power electric heating system and digestion system, laying the foundation for subsequent detection. With a built-in automatic lifting system, it achieves full automation of the digestion process, boasting high efficiency, energy saving, and large processing capacity.

Features:

＊ Digestion tubes & waste discharge pipes: Explosion-proof safety glass (explosion-proof and high-temperature resistant);

＊ Aluminum deep-hole heating modules: High heating efficiency, fast warming, long service life, and eco-friendly;

＊ Standard lifting device: One-key operation, automatic lifting during the whole experiment, no personnel on duty needed (energy-saving & efficient);

＊ High-power electric heating tubes: Fast heating rate to reduce experimental time;

＊ Excellent heat preservation: Lowers energy consumption while ensuring temperature stability and operational safety;

＊ Digestion rack & waste hood: 304 stainless steel (strong corrosion resistance);

＊ PTFE (polytetrafluoroethylene) digestion tube caps: High-temperature and acid-resistant, reducing acid gas leakage and environmental pollution;

＊ Aluminum parts: Anodized surface treatment for enhanced corrosion resistance.

Technical Parameters:

Model	GDA-20S
Temp. Range	RT+5~450℃
Temp. Accuracy	±1℃
Capacity	20pcs
Digestive Tube	Glass tube 300ml*20
Heating Mode	6061 aluminum alloy
Heating Rate	8~15℃/min
Heating Method	Electric heating tube
Display	7-inch high resolution color LCD screen
Consumption	2.7kW
Power Supply	Standard: AC220V±10%, 50/60Hz; Optional: AC110V±10%, 50/60Hz
External Size(W*D*H)	435*640*750mm
Package Size(W*D*H)	560*820*980mm
Net Weight	60kg
Gross Weight	85kg