



## Shaking Incubators

Antech is the only company in China that adopts a single-axis balanced drive technology on a full series of shakers. This unique technology avoids the traditional three- or four-axis rotation. Therefore, such shake can realize continuous quiet operation for a longtime, and can switch between rotation and reciprocating motion. No matter what technology or material is used, from design to precision processing, every shaker in Antech is meticulously manufactured in order to give customers peace of mind.

### Features

- The shaker can be placed on the tabletop, and at the same time, two shakers can be stacked and landed.
- The standard double-layer bottle splint is convenient for storing more samples.
- The design of the front opening door makes the shaker more flexible than the flip-up shaker
- There are two temperature ranges of constant temperature and low temperature to choose from.
- The transparent observation window and built-in lighting design make it easy to observe the sample at any time.
- Observe temperature, oscillation speed, and time at the same time.
- A variety of accessories: UV germicidal lamp, humidity detection or control, air intake pipe, lighting system, etc., to optimize the cultivation plan for you.

# Specification

Product model	ATS-2013
Control mode	P. I. D (Microcomputer scans the micro-processing chip)
Display mode	LCD (large liquid crystal screen)
Convection mode	Forced convection
Oscillation mode	Gyratory
Drive mode	Balance drive by single shaft
Ambient temperature requirement ℃	15-35
Maximum number of stacked oscillators/pcs	2
Curve programing settings Safety functions	Programing settings of repetition, steps and eight-section curves Audio and light alarm for temperatures above or below the upper or lower limit; alarm for speeds above or below the upper or lower limit; sensor fault identification, stand-alone over-temperature protector, stand-alone
Additional functions	leakage or over-current protection and refrigerator overload protection. Speed storage, automatic stop, temperature and speed correction, monitoring timer, clock display, startup after power again, parameter memory, parameter encryption, one-touch factory reset
Refrigeration function	Air-cooled, 134a power-controllable frost-free refrigeration
Temperature control range ℃	Room temperature +5-60
Accuracy of temperature ℃	0.1
Temperature fluctuation ℃	≤±0.2
Temperature uniformity ℃	≤± 1(at 37 ℃)
Speed range r/min	30-300
Speed accuracy r/min	±1
Amplitude of rocking plate mm	25
Timing range min	0-999.59
Size of rocking plate mm	456*450
Culture shelf	450*400
Number of rocking plates	1
The number of rocking plates in single configuration is highest	250ml*60, 500ml*40, 1000ml*24 or 2000ml*15
Number of shelves	1
Net weight kg	120
Volume L	155
Chamber size mm	560*500*555
Overall dimensions mm	650*820*810
Others	Lighting/UV lamp
Power w	600
Power supply	AC 200~240V 50~60Hz
Material of chamber	High-quality 304 stainless steel polished plate
Material of outer box	High-quality nodular cast iron, channel steel, angle steel, medium plates and cold rolled steel sheets