

# AirGenius CO<sub>2</sub> incubator



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CHICAGO RIDGE, IL 60415

AirGenius, a CO<sub>2</sub> incubator, comes with a free QR code for equipment maintenance and calibration in labs. Qlabtics provides a range of cloud-based solutions to manufacturers, service providers, and lab directors to improve equipment management, reduce downtime, and increase customer satisfaction. Their solutions include equipment tracking and maintenance, calibration management, remote equipment monitoring, engineer management, customer follow-up, asset tracking, live device usage tracking, cloud-based reporting, and document management. Visit their website at [www.qlabtics.com](http://www.qlabtics.com).



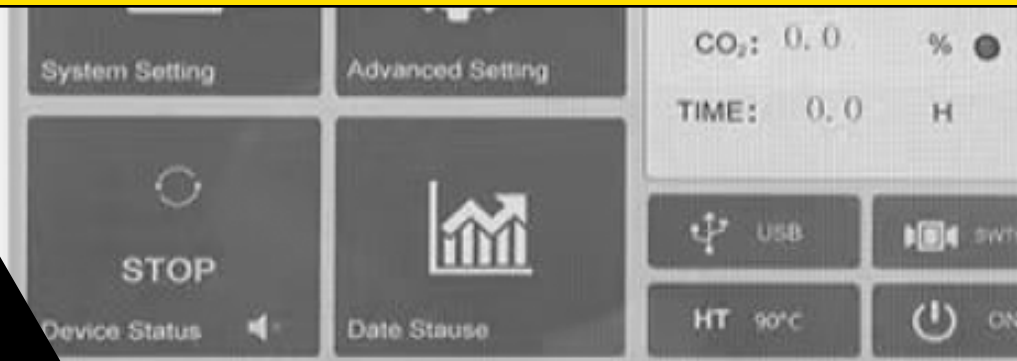
LCD Display



USB

USB Port

# AirGenius CO<sub>2</sub> incubator



**AirGenius CO<sub>2</sub> incubator from Qlabtics creates an environment that mimics the natural growth conditions of cells and tissues in vivo.**

**It requires a stable temperature of 37°C, consistent CO<sub>2</sub> levels of 5%, a constant pH of 7.2-7.4, and high relative humidity of 95%. This makes it an ideal device for cell and tissue culture in vitro across a wide range of fields such as cytology, biology, oncology, genetics, immunology, virus research, and genetic engineering research. It's commonly used in scientific research units and industrial production departments such as modern medicine, pharmaceuticals, biochemistry, and agricultural science**

## Features

- Simulates natural growth conditions of cells and tissues in vivo
- Requires stable temperature of 37°C, CO<sub>2</sub> level of 5%, pH of 7.2-7.4, and humidity of 95%
- Ideal for cell and tissue culture in vitro across a wide range of fields
- Equipped with air jacket for 90°C steam sterilization
- Features USB port and LCD touch screen for real-time data storage
- Includes high-quality infrared sensor for accurate CO<sub>2</sub> concentration
- Working chamber has round angle structure for easy cleaning
- High-quality HEPA filter ensures optimal gas quality
- SMC brand gas circuit valves ensure stable gas concentration and less gas consumption
- Push-pull shelves with holes provide better temperature uniformity
- Microcomputer controller with LCD display for temperature, CO<sub>2</sub> concentration, run-time, and timing
- Three-liter water reservoir in bottom chamber ensures high humidity for cell and bacteria growth

# AirGenius Co<sub>2</sub> incubator

AirGenius  
CO<sub>2</sub> Incubator

Models	AGCI-100	AGCI-160	AGCI-200	AGCI-260	AGCI-300
Configuration	Air Jarket, HEPA filter				
Capacity (L)	100L	160L	200L	260L	300L
Temp. sensor/Temp Range	PT100/Rt+5-60°C				
Temp. Fluctuation-Temp. Uniformity (°C)	±0.2°C(at 37°C)- ±0.3°C(at 37°C)				
CO2 control	IR sensor (VAISALA), NIST certificate				
CO2 Range	0~20%				
CO2 Control Resolution Resolution (vol%)	±0.1%				
CO2 uniformity (vol%)	±0.2%				
Internal Size(W*D*H)mm	407*415*615	457*470*753	505*470*857	557*475*997	567*500*1068
External Size(W*D*H)mm	632*740*894	682*796*1030	730*796*1134	782*805*1274	792*830*1344
Shelves	2 pcs/ adjustable		3 pcs/ adjustable		
Data Store/Display	USB interface/7.0" touch screen	USB interface/7.0" touch screen	USB interface/7.0" touch screen	USB interface/7.0" touch screen	USB interface/7.0" touch screen
Sterilization	90°C steam sterilization				
Power Supply	220V,50/60Hz(Standard);110V,60HZ(Optional)				
Consumption (W)	800	820	840	1380	1800
Packing Size(W*D*H)mm/ GW	757*865*1055 120kg	807*921*1190 135kg	855*921*1294 155kg	907*930*1434 190kg	917*955*1504 210kg

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