

Atmospheric Control Unit

ATMOSPHERIC CONTROL UNIT



Independent gas control for happy cells

The Atmospheric Control Unit (ACU) allows independent, simultaneous regulation of O₂ and CO₂ within the microplate reader. From standard cell growth to hypoxia or cytotoxicity assays, the ACU provides the optimal environment for any live cell-based assay.

Applications

- Proliferation and cell viability assays
- Cytotoxicity studies
- Migration and invasion studies
- Hypoxia studies
- Ischemia/reperfusion
- Angiogenesis
- Viral infection/neutralisation

BMG LABTECH

Specifications and reader compatibility

	CLARIOstar ^{Plus}	VANTASTAR	Omega series	NEPHELOstar ^{Plus}
Independent O ₂ and CO ₂ gas regulation	●	●	●	●
Gas range: 1 – 20%		●		
Gas range: 0.1 – 20%	●		●	●
Gas adjustment: 0.1% steps	●	●	●	●
Gas ramping function	●			
LCD touchscreen with gas concentration curve display	●	●	●	●
Up to 10 user-definable pre-sets	●	●	●	●
Altitude correction for accurate gas regulation	●	●	●	●
Integration in reader control software	●	●		
Display of gas value/time in MARS	●	●		

www.bmglabtech.com