Specifications | CG001694 | Rev C

Atera Instrument

For use with:

Atera Instrument, PN-1001128



Notices

Document Number

CG001694 | Rev C

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Document Revision Summary

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CG001694

Title

Atera Instrument Specifications

Revision

Rev C

Revision Date

September 17, 2026

Description of Changes

- Updated electrical specifications, sound output, and data storage capacity in Instrument Specifications on page 4

Instrument Specifications

Parameter	Atera Instrument Specifications		
Weight			
Instrument	1,350 lb/614 kg		
Instrument Live Load	500 kg/m^2		
Dimensions	**Width**	**Depth**	**Height**
Instrument	52.9"/134.5 cm	35.9"/91.3cm*	63.6"/161.5 cm
UPS *(APC SMX2000LV for low voltage or SMX2200HV for high voltage configurations)*	7"/17.8 cm	19"/48.3 cm	17"/43.2 cm
Storage Requirements			
Humidity	<60% for long-term storage (>1 week) <80% for transportation and short-term storage (<1 week)		
Temperature	13-25°C (55-77°F) for long-term storage (>1 week) 10-40°C (50-104°F) for transportation and short-term storage (<1 week)		
Operating Specifications			
Electrical Specifications	100-240 VAC, 50-60 Hz, 16 A maximum		
Pollution Degree	2 (Indoor Use Only)		
Operating Temperature	19-25°C (66-77°F) *Use in a typical indoor laboratory environment. Extreme temperature conditions will result in run failure or possible damage to the instrument*		
Humidity	30-80% Relative Humidity, noncondensing		
Altitude	Altitude up to 2,000 m (1.2 miles) above sea level		
Environmental Vibration Guidelines	ISO Office (or better) during idle ISO Operating Theater (or better) during run *No bumps or shocks adjacent to the instrument during a run*		
Heat Output	~1,600 W (5,460 BTU/h)		
Power Cable Length	6 ft/183 cm		
Sound Output	<63 dB at 1 meter from instrument		
Output Data Storage Capacity	15 TB NVMe		
Ethernet Link Speed	Up to 10 Gbps		
Operating System	Ubuntu 24.04 LTS		
*Instrument can temporarily be configured to pass through a door with 35"/89 cm clear opening			

Instrument Dimensions

