

DATA SHEET: CLJ-R300 Remote Particle Sensor

High-Flow Remote Sensor for Rapid Monitoring

1. PRODUCT OVERVIEW

The **CLJ-R300** is a high-flow online particle sensor designed for environments requiring a 28.3 LPM (1.0 CFM) sampling rate. It provides instantaneous data via digital outputs, ensuring rapid response to contamination events in pharmaceutical and electronics industries.

2. KEY FEATURES

- High-Flow Sampling:** 28.3 LPM (1.0 CFM) for faster volume processing.
- Versatile Connectivity:** RS485 (MODBUS) for reliable data transmission.
- Industrial Build:** Sleek stainless steel enclosure resistant to common sterilization agents.
- Centralized Control:** Optimized for use with external industrial vacuum networks.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Flow Rate	28.3 LPM (1.0 CFM)
Particle Channels	0.3, 0.5, 5.0 μ m (Customizable)
Communication	RS485 (MODBUS)
Vacuum Source	External Pump
Power Input	12V - 24V DC
Casing Material	304 Stainless Steel
Dimensions	106.5 x 76 x 49 mm
Weight	0.2 - 0.3 kg

4. STANDARD ACCESSORIES

- SS304 Remote Sensor Unit
- RS485 Communication Connector
- Factory Calibration Report**
- User Manual

Manufactured by:
Honri Airclean Technology (Suzhou) Co., Ltd.