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ENGINEERING
TOMORROW'S
PRODUCTION

ICA 300 Inline Concentration Analyzer

Meets real-time monitoring & ESG environmental protection

Technical Specifications

The ICA 300 non-contact chemical analyzer minimizes production contamination, providing real-time continuous measurement and data monitoring on mobile platforms for process stability.

ICA 300 Dose-type concentration analyzer

Dimension (L x W x H)	**415 mm x 285 mm x 295 mm**
Weight	**≤ 20 kg**
Language	**English / Simplified Chinese / Traditional Chinese**

Process and System Values

Analysis precision	**> 97%**
Analysis frequency	**60 sec**
Measurement time	**60 sec**
Max. simultaneous measurement	**6**
Analysis method	**Absorption spectroscopic/ Chemical through analyzer**
Process window temperature	**10˚C ~ 80˚C**
Electrical supply	**AC 220V 50-55Hz**
External signal port	**RJ45 or RS232**

Application

Semiconductor advanced packaging	**Cleaning, Developing, Etching, Stripping**
IC substrate	**Cleaning, Developing, Etching, Stripping, Electroless copper plating, Plating, Brown oxide treatment**
Display	**Cleaning, Developing, Etching, Stripping, Plating, PR stripping**

Features & Benefits

- **Achieve more versatile space planning:** Small footprint, plug-and-play, easy to install
- **ESG compliant:** Circulating pollution-free, non-contact dose-type analysis method
- **Real-time continuous measurement:** Minimum 60 seconds per test point
- **High stability:** Compatible operate in low/ high temperature (10˚C ~ 80˚C)
- **Multiple chemicals measurement:** Max. simultaneous measurement of six types of chemical, types and ranges of chemcials to be measured according to customer requirements
- **Integration of IoT technology, providing real-time product information:** High-precision monitoring data instantly sent to Line/WeChat, and can also be transmitted to multiple devices like laptops, phones, tablets, and computers
- **Suitable for wet chemical process equipment in varous industries**

Optional

- Defoam tool

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