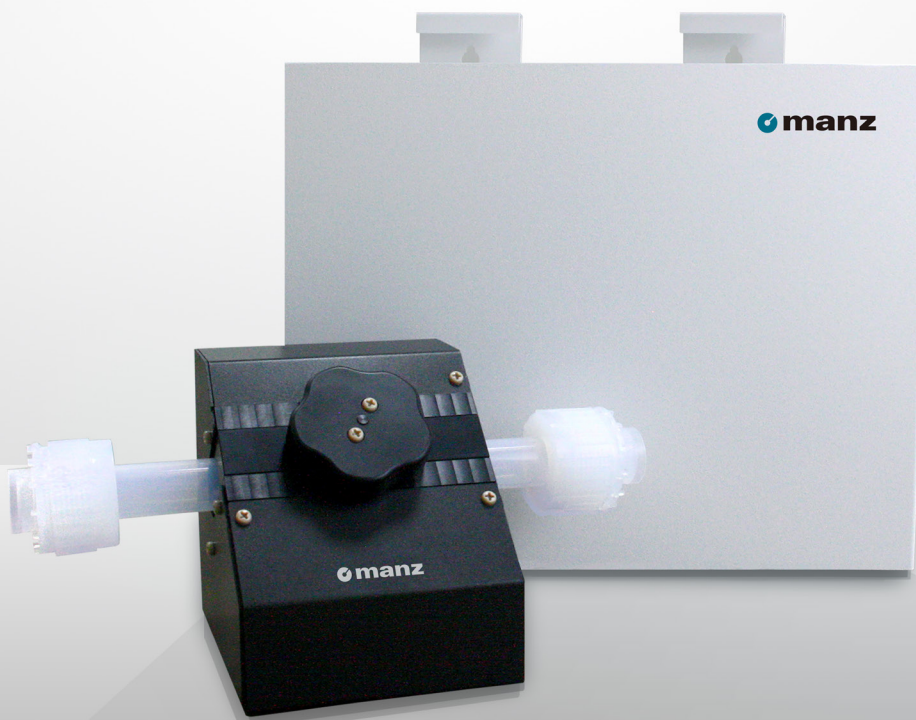


ENGINEERING  
TOMORROW'S  
PRODUCTION



# ICA 500 Inline Concentration Analyzer

Meets real-time monitoring & ESG environmental protection

# Technical Specifications

The ICA 500 clip-type analysis solution monitors and syncs data to mobile devices, ensuring process stability, leading to enhanced production yield and quality. With non-contact operation to reduce pollution risks, aligning with ESG standards, and saving lab costs.

## ICA 500 clip-type concentration analyzer

Sensor Dimension (L x W x H)	103 mm x 110 mm x 96 mm
Controller Dimension (L x W x H)	275 mm x 134 mm x 252 mm
Weight	≤ 2 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	4
Analysis method	Absorption Spectroscopic / Non-contact (Clip-type)
Process window temperature	10°C ~ 160°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 clip-type analysis method
- **Real-time continuous measurement:**  
Minimum 60 seconds per test point
- **High stability:**  
Compatible operate in low/ high temperature (10°C ~ 160°C)
- **Multiple chemicals measurement:**  
Max. simultaneous measurement of four types of chemical, types and ranges of chemicals 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
- **Cloud-based monitoring platform:**  
Suitable for system integration and up-grades
- **Suitable for wet chemical process equipment in various industries**

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