



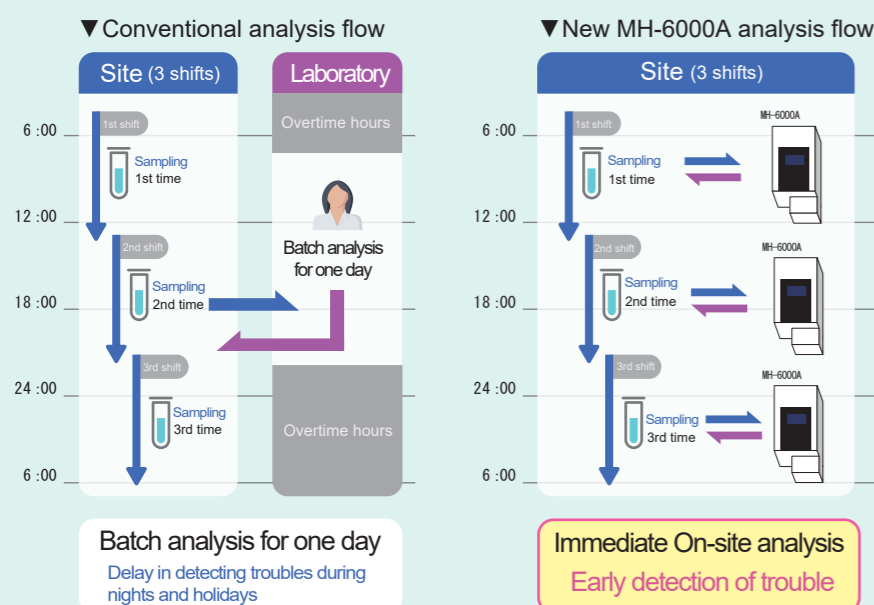
## Provides speedy elemental analysis of liquid samples in addition to being portable.

The adoption of liquid electrode plasma (patented in Japan, the United States, and China) makes plasma emission analysis easy to use and reliable. Analysis on inorganic components (metals, etc.) in liquid samples can be performed. Since it does not use gas such as argon, there is no need to construct gas cylinders, gas pipes, and exhaust ducts. It is advantageous in terms of running costs. It is easy to choose the installation location and ideal as an addition to existing facilities.

### Speedy

#### Realize immediate judgment of analysis results in a timely manner

- Detect troubles early (especially during operation at night or on holidays)
- Determine when replenishment of raw materials, replacement of cleaning liquid, etc. is done.
- Analyze immediately when replacing manufactured products in a high-mix low-volume production.
- Perform immediate analysis at the time of new product development and new business flow launch.



### Energy Conservation

#### Power saving and easy to carry

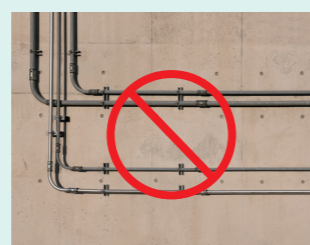
- Worldwide support with 100-240V small AC adapter
- Easy to install on a desk because of little waste liquid



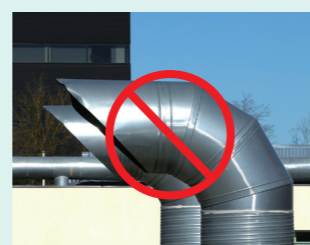
### Compact

#### Easy installation to existing facilities

- No gas piping, exhaust duct, cooling water are required, so installation can be done without construction of facilities



No need for high pressure piping



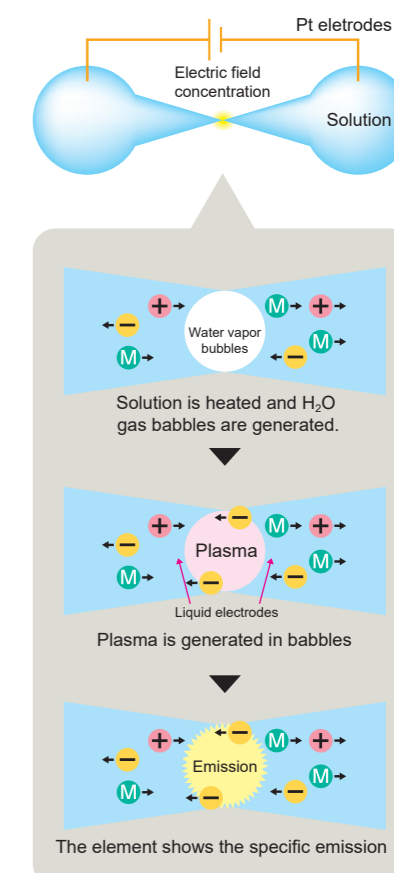
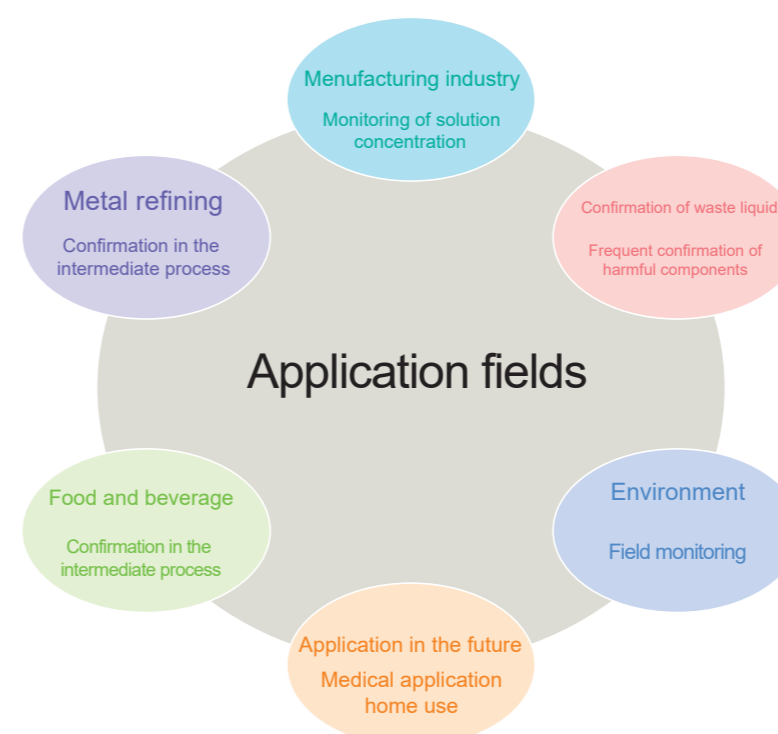
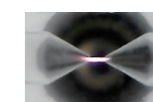
No need for exhaust duct

## Measurement procedure and application fields

- Stability, sensitivity and accuracy are improved by adopting the flow type. Furthermore, labor saving in continuous measurement, internal cleaning, and sample switching
- Alkaline solvent and Si can be measured with a sapphire cuvette.
- Simultaneous incorporation of two spectrometers achieves both wide wavelength range and high resolution.

Liquid electrode plasma emission spectrometry (patented)

Plasma in the microchannel  
Voltage 200-1200V



## Customer Feedback

Kanazawa University  
School of Chemistry,  
College of Science and Engineering

Professor Hiroshi Hasegawa

In inorganic analysis of liquid samples, a compact system that can be set on a laboratory table even though it emits plasma is epoch-making.

And there is an advantage that a new analysis method can be created by combining with our pretreatment technology that we have been specialized in.

Especially in countries where infrastructure is not well-developed, no construction of facilities or high-pressure gas is required, which is a big advantage. I will use it for overseas joint research.

In Japan as well, joint research aimed at onsite analysis is gradually increasing, and I hope that the system will be a pioneer.

