



## Component analysis by light

### Analyzing the internal components of substances and living organisms using near-infrared light

#### Application

- Applicable to various analytical tasks such as organic synthetic products, fish, agricultural products, and pharmaceuticals.
- Measurement targets can be universally measured, including powders, solids, liquids, biological tissues, and films.

#### Features

Can be installed anywhere  
Compact and lightweight  
design

No pre-treatment required  
Non-destructive  
component analysis

Utilizing AI  
High precision analysis

Despite being palm-sized,  
Analysis results equivalent to one by HPLC, mass  
spectrometer and other bulky analyzer can be  
obtained!

Reduce analysis time  
One-touch analysis

No waste liquid required  
Contribute to SDGs

From development and  
design to data analysis  
All-in-one/individual support



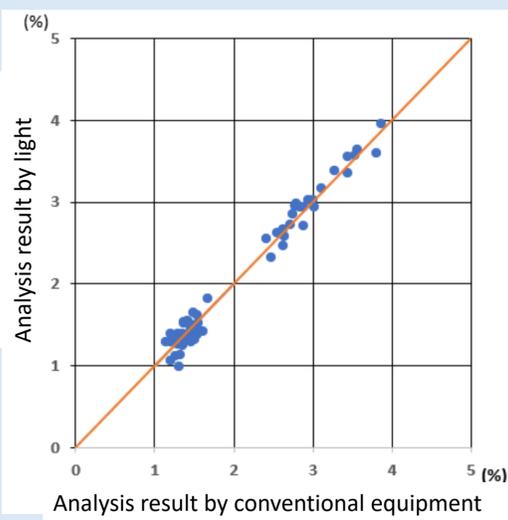
In addition to the above, data handling and calibration models can be customized to achieve other objectives. Please feel free to contact us.

**Free to use! The possibilities are endless!**

## Portable Near Infrared Component Analyzer

**powder, liquid, solid, biological tissue,  
All-purpose type compatible with film.**

- Determining the type of plastic and its deterioration
- Analysis of alcohol and water components
- Quantification of main components of wheat, soybeans, and rice
- Non-destructive evaluation of fruit sugar content, internal defects, and ripeness
- Evaluation of ingredients on chocolate and butter in production lines
- Quality evaluation of coffee and green tea
- Quantification of the effective ingredients of Chinese herbal medicines, etc.

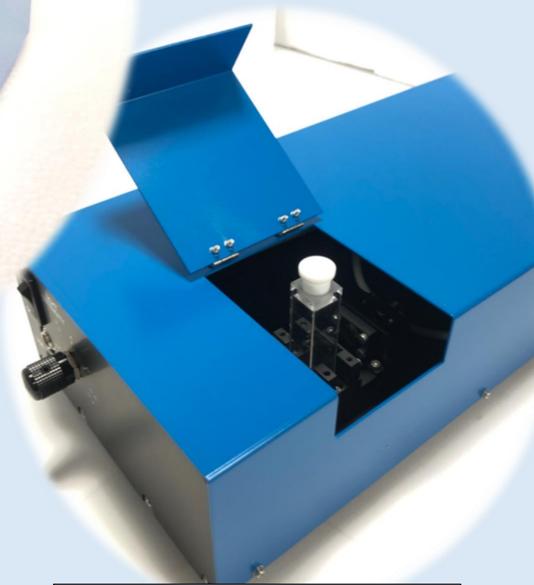


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Plant-derived ingredients  
Quantitative analysis results



Reflection Type  
M020/M021



Transmission Type  
M022/M023



This device is already being used for grading and branding fish at fishing ports around the country. The photo is an example of the work site.



Reflection Type  
M011-02

## Mobile Near Infrared Component Analyzer

Components can be calculated by measuring absorbance in the near infrared wavelength range. A compact and lightweight mobile type that is ideal for outdoor measurements.

- Fish fat measurement (Achieve quality assurance and branding)
- Fruit sugar content measurement, etc.

