

Soma

HANDY NIR SPECTROMETER

S-7080

S-7090

Waterproof structure (IPX6)

Speedy measurement in approx. 1 sec.

Estimation of content by spectral data

Lasts up to 4 hours on a single charge

- Easy-to-read display
- Measurement target: Fish, Meat, etc



[Photo]
Left S-7080
Right S-7090

* To apply for various sample form, 2 different kind of probes are available.

■ Specifications

Model	Handy NIR photometer S-7080/7090		
Wavelength	S-7080: 790-1060nm / S-7090: 885-1015nm		
Principle	NIR		
Display	Electronic paper		
Photometer	Grating photometer		
Detector	Linear Alley Sensor (C-MOS)		
Resolution	Approx. 4.5nm	Measuring time	Approx. 1sec.
Noise	Less than 50 μ abs (with reference white board)		
Exposure	1-999msec.	Cumulative No.	1~999 times
Light source	Tungsten lump x 5pcs. (Average lifetime 40,000h)		
Battery	Lithium ion battery (Charging time 5h.)		
Operating time	A single charge lasts for approx. 4h.		
Material	ABS resin (Main unit), Polyacetal resin (Reference)		
Housing	IPX6 (Water resistant)		
Power source	AC100-240V, 50/60Hz		
Environment	~35°C, RH less than 80% (without condensation)		

■ Standard composition

1. Main unit
2. Reference white board
3. Exclusive software
4. micro SD card
5. Lithium ion battery
6. AC adapter
7. Battery charger
8. Operation manual

*PC is not included

Data output to PC

The results saved in the main unit can be transferred to PC from SD card, or using bluetooth.

■ Dimensions of product, Features



*Specifications and appearances are subject to change without prior notice.

[Manufacturer]



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