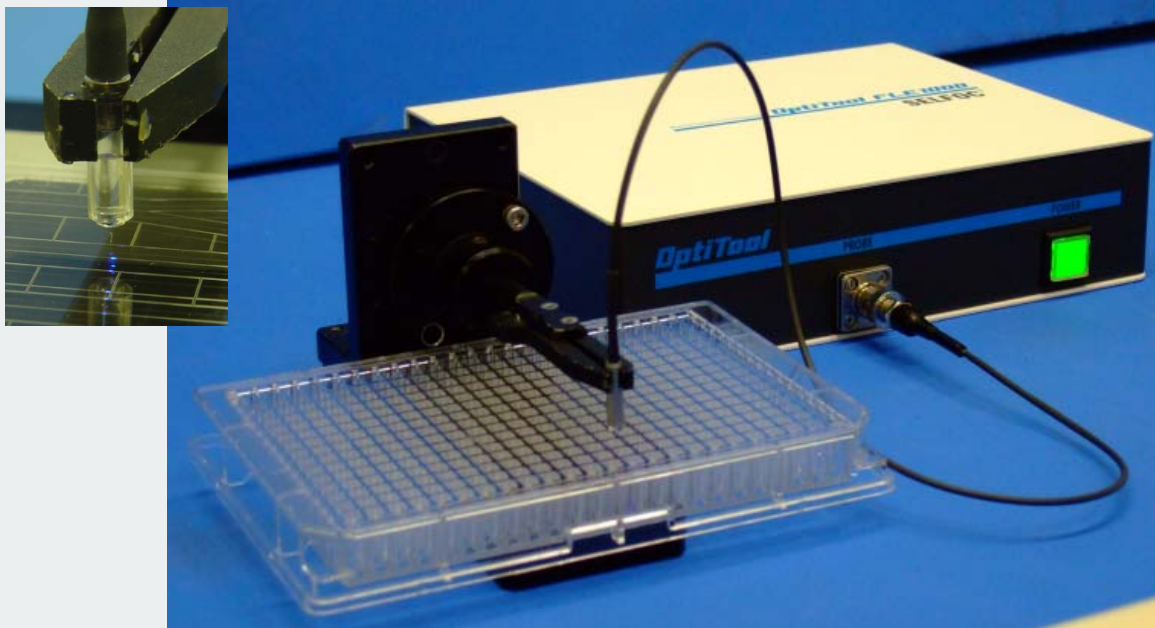


SELFOC[®] μ -Fluorescence Photometer

- ★ Allows for measurements even in a bright environment
- ★ Housed in a compact body that can be built into other analyzers
- ★ Has excellent vibration resistance



[Features]

- ★ Allows for measurements in micro regions (ϕ 0.2 mm or less) with high sensitivity.
- ★ Allows for easy measurements just by bringing the probes close to a specimen.
- ★ Provides stable measurements even in a bright place.
- ★ Equipped with detection probes and a main body, both of which are compact.
- ★ Adopts optical fiber connection resistant to vibration.
- ★ Allows for simultaneous measurements of two or more fluorescent materials.
- ★ Can be easily applied to multiple channels.
- ★ Provides stable detection by using a general-purpose photo diode.

This product can be customized as a fluorescence detection module for various types of analyzers.

[Application]

- ★ Measurements of traces of reagents and microfluids

[Specifications]

Target fluorescent materials	FITC, Cy3, Cy5, etc.
Sensitivity	For example, 1 nM or lower for FITC (depending on the shape of specimen)
Interface	DCV (0 to 1V) or RS232C
Size	130 * 160 * 40 mm
Power supply	100 V AC
Detection region	ϕ 0.2 mm (can be specified)
Probe head	Approx. ϕ 4 mm (using SELFOC [®] lens)
Upper temperature limit of probe	Up to 110°C

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