

DEVICE FOR CALCULATING THE QUANTITY OF LIGHT AND
METHOD THEREOF

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ABSTRACT OF THE DISCLOSURE

10 A method of calculating a quantity of light by
measuring, by using an adhering force measuring unit
(71), the adhering force of an ultraviolet light-curable
tape (11 or 21) relying upon the quantity of ultraviolet
light with which the ultraviolet light-curable tape is
15 irradiated from an ultraviolet light irradiation unit
(61), and calculating, by using a calculation unit, the
quantity of ultraviolet light corresponding to a
predetermined adhering force, from the measured adhering
force of the ultraviolet light-curable tape, and a device
therefor. The predetermined adhering force may have been
20 stored in advance in the storage unit or the
predetermined adhering force may be determined in advance
relying upon at least either one of the kind of the
ultraviolet light-curable tape or the elapsed time of the
ultraviolet light-curable tape. Then, the quantity of
25 light necessary for the ultraviolet light-curable tape
that is used is automatically calculated to avoid a
problem caused by an insufficient quantity of light or an
excess quantity of light.

Figure 3