

FLOCCULATION MONITORING APPARATUS, FLOCCULATION MONITORING METHOD,
AND FLOCCULATION SYSTEM

ABSTRACT

5 A flocculation monitoring apparatus and a flocculation
monitoring method are provided, and the flocculation monitoring
apparatus and the flocculation monitoring method are capable of
stably measuring a flocculation state of water to be treated even
when the number (density) of flocs has increased.

10 A measurement-light applying part (laser-light applying part
10) applies a measurement light to a measurement region (18) in
the water to be treated (8) and a scattered-light receiving part
(12) receives a scattered light due to particles of the water to
be treated. A measurement value arithmetic part (arithmetic
15 circuit 48) calculates an index related to flocculation of the water
to be treated, by using an amplitude of a light reception signal
acquired in the scattered-light receiving part.

Fig. 1