

Floating Filter

Separation of light and heavy impurities



Features

- **The separation of light and heavy impurities:**
The centrifugal force of the spiral liquid makes the light and heavy impurities separated.
- **Automatic control system:**
The automatic control system can work automatically after setting. You don't have to operate it manually.
- **A whirling-scraper device:**
A whirling-scraper device attaches to the screen surface. It scrapes the impurities off the surface at a slow speed to maintain high filtration efficiency.
- **Automatic discharge system:**
The discharge tube works with a discharge valve and automatically opens or closes to discharge the impurities after time setting.

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■ FRONT



■ SIDE



■ BACK

Currently most high-speed filtration equipments are designed to discharge impurities in gravity discharge principle. But if there are light impurities in the liquid such as fibers, particles, powders and other impurities which can not settle quickly, the filtration effects can not be perfect.

Floating Filter's in-outlet is designed in tangent direction which makes the liquid flow spirally after entering the filter. And the spiral flow can move more fluently with the whirling scraper device. The light and heavy impurities are separated by the spiral flow. The light impurities float on the top of unfiltered liquid, and the heavy impurities settle at the bottom of unfiltered liquid. According to the setting of the control system, the discharge valve drains the impurities automatically.