

ABSTRACT

The invention discloses a water quality analyzer, comprising a first disk system, a second disk system, a colorimetric system, a cleaning system, a mechanical sampling system, an analysis system and a center control display, the first disk system and the second disk system being axially rotatable, the first disk system being provided with a plurality of sample installation sites and chemical installation sites at a periphery, the second disk system being provided with a plurality of colorimetric cell installation sites, the colorimetric system being disposed at a peripheral edge of the second disk system, the cleaning system and the mechanical sampling system being disposed between the first disk system and the second disk system, and the analysis system being connected with the colorimetric system and used for analyzing water quality parameters and transmitting the same to the center control display. The invention also discloses a water quality analysis method, comprising the steps of pumping of a water sample, injecting of the water sample, cleaning, pumping of a chemical, injecting of the chemical, cleaning, colorimetric analysis and the like. The invention is featured with high analysis speed and many analysis parameters and is suitable for promotion and application.

FIG. 2 Accompanies Abstract