

Abstract

Title of Invention: PRETREATMENT-INTEGRATED ELECTROPHORESIS DEVICE

A pretreatment-integrated electrophoresis device according to the present disclosure includes: a pretreatment unit that performs pretreatment on a biological sample to prepare a sample for electrophoresis; and an optical system that irradiates the sample separated by electrophoresis in a capillary with light and detects the light from the sample. The pretreatment-integrated electrophoresis device further includes: a first main body and a second main body; and a coupling member that couples the first main body and the second main body. At least one of the first main body and the second main body has an installation surface on which a detachable unit is installed. The coupling member couples the first main body and the second main body in such a manner that one of the first main body and the second main body is movable relative to the other, thereby enabling the overall size of the pretreatment-integrated electrophoresis device to be variable.

Figure 1