ABSTRACT OF THE DISCLOSURE

The high-precision determination system includes: an acquisition unit that acquires at least multi-item simultaneous measurement data on an unknown sample and multi-item simultaneous measurement data on a known sample; a categorizing unit that analyzes and quantifies similarity between the acquired multi-item simultaneous measurement data on the unknown sample and the acquired multi-item simultaneous measurement data on the known sample, categorizes an unknown sample that differs from a known sample in tendency, and generates categorization data; a determination unit that dimensionally compresses the generated categorization data and generates a two-dimensional scatter diagram as determination data; a storage unit that stores at least the multi-item simultaneous measurement data on the unknown sample, the multi-item simultaneous measurement data on the known sample, the categorization data, and the determination data; and a provisioning unit that provides at least the stored data.

Fig. 1 for publication