

FLUORESCENCE DETECTION INSTRUMENT

ABSTRACT OF THE DISCLOSURE

The disclosure relates to a fluorescence detection instrument, including a base, a heating module, a detecting module, an illumination module, and an actuation module. The heating module, the detecting module, and the actuation module are disposed on the base. The heating module includes plural heating holders, wherein each of the plural heating holders is adapted to accommodate a light-transmissive reaction container adapted to contain a fluorescent reaction mixture with at least one targeted fluorescent probe respectively. The detecting module is configured with the heating module to form plural detection channels, wherein the plural heating holders are located at the plural detection channels respectively. The actuation module is connected with the illumination module and adapted to drive the illumination module to move to at least one predetermined position to selectively match at least one combination of the heating holder on the corresponding detection channel.

Fig. 1