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**Sterility Test Pump**

- Safety protection function, when the peristaltic pump head cover is open, it cannot start running; when the pump head is opened, the peristaltic pump automatically stops running.
- digital pulse stepless speed regulation, the speed can be arbitrarily adjusted between 30-240RPM.
- The pedal mode is optional and can be set to continuous or jog control mode.
- The pump head cover is detachable and designed for easy cleaning and sterilization.
- with SOP mode, supporting the host computer software configurable, issued SOP template, easy to operate, improve the adaptability of use.
- Over-current, over-voltage, overload, and blocking multiple safety protection functions.

**1. Scope of application**

The fully enclosed intelligent collection instrument is a special instrument for clinical detection of body fluid bacteria, sterility testing and microbial limit detection in the fields of medicines and biological products.

**2. Working principle**

The intelligent collection instrument is a matching product of the one-time trial full-closed collection instrument filter culture incubator. The test sample is filtered by the filter of 0.45 or 0.22 through the principle of directional peristaltic pressure of the intelligent collection instrument, and will be used in the test sample. The bacteria are retained on the filter membrane in the filter, and the antibacterial component is removed by rinsing the filter membrane. Then, the required medium is directly introduced into the collection incubator through the sample tube, and placed in the incubator for aseptic culture.

Name	sterility test pump
Working power supply:	AC220V/50Hz
Power:	200W
Peristaltic pump speed:	15 ~ 240rpm
Runner:	3 wheels
Height (with bottle holder):	39cm
Dimensions:	34*40*17cm
Weight:	17Kg

