



SYSTAAQ
DIAGNOSTIC PRODUCTS

NUCLEIC ACID EXTRACTOR



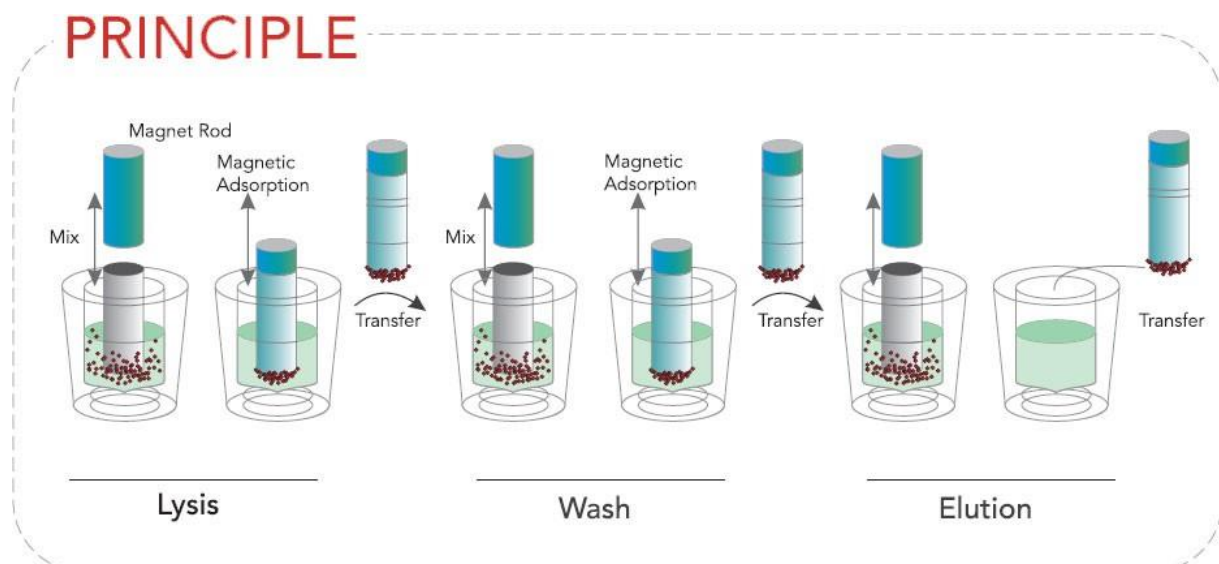
ABOUT SYSTAAQ DIAGNOSTIC PRODUCTS

Provides a broad portfolio of Molecular Products. We design, develop and manufacture assays for Diagnostic, Life Science and Research labs to provide efficient and Reliable Quality Results.

SUPEREXTRACT 32

The SuperExtract 32 is designed as a high-tech product to extract the nucleic acid through magnetic beads method. It is characterized as high degree of automation, fast extraction speed, stable results and easy operation. By utilizing a 96 deep well plate, it is capable of simultaneously extract 1 to 32 samples.

The SuperExtract 32 takes advantages of the magnetic rods located on magnetic rod frame which transfer the magnetic beads that adsorb the nucleic acid from one well to another, then through the movement of magnetic rods and mixing sleeves the instrument quickly and repeatedly stir the liquid, evenly mixing the liquid with the magnetic beads. Through the cell lysis, nucleic acid adsorption, washing and elution processes, the instrument will complete the extraction of nucleic acids and obtain highly purified nucleic acids, as shown below.



FEATURES

| | |
|----------------------------------|---|
| Capacity | 1 to 32 samples |
| Extraction Time | 30 Minutes (Protocol Dependent) |
| Processing Volume | 30ul to 1000ul |
| User-Interface | 3.5 inch LCD screen, capable of independently operating and monitoring the real-time running status. The instrument can be attached with a 7 inch screen PAD based on Android OS, capable of remote controlling the instrument running via Wi-Fi |
| User-defined Temperature Control | User could easily define the temperature for lysis and elution by themselves |
| User-defined Programming | Powerful programming functions for more flexible and efficient program edition, capable of meeting all different reagent requirements |
| Program Storage | instrument firmware system can store up to 15 experimental programs; more than 500 experimental programs can be stored in the Android app system |
| Power Failure Protection | unfinished experiment can be continued when the instrument is restarted after unexpected power failure occurred |
| Safety | Automatic lock program ensures the operation safety. |
| Disinfection | UV lamp within the experiment cabin. The time of disinfection can be controlled manually or automatically. |

TECHNICAL SPECIFICATIONS

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|---------------------------------------|--------------------------------|
| Voltage | AC 100V ~ 240V |
| Power Supply Frequency | 50/60 ±1 Hz |
| Rated Power | 600W |
| Relative Humidity | Between 10% and 80% |
| Operational Environmental Temperature | 10°C and 40°C. |
| Weight | 31.5kg |
| Dimensions | 440mm(W) × 435mm(D) × 445mm(H) |

ISO 13485:2016



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