



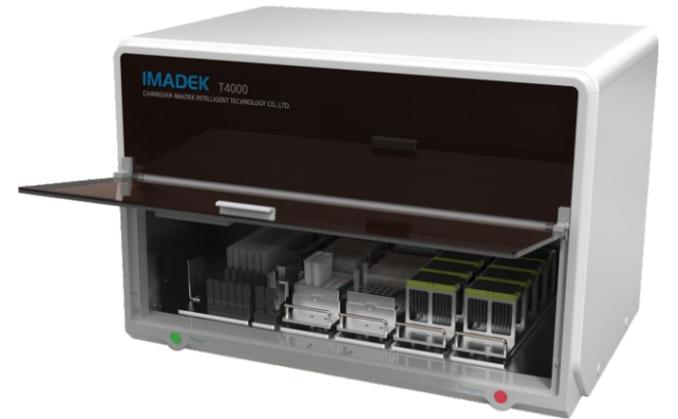
## Automatic Sampling System T1000/T2000 T4000/T8000

CHANGSHA IMADEK INTELLIGENT TECHNOLOGY CO.,LTD

## Automatic Sampling System T1000 / T2000 / T4000 / T8000

### Product introduction

Automatic Sampling System offers you an open sample loading platform, flexible hardware configuration, safe user rights management, and a perfect history tracing function, and it is designed to meet your various needs. It is widely used in routine micro liquid handling, ELISA experiments, blood grouping detection, sample retention, molecular diagnosis, NGS automatic library preparation, quality preprocessing for spectral analysis, etc.



### Core strengths

- 1 Capacitance sensing and pressure sensing detection are adopted to realize micro accurate liquid transfer,  
Pipetting range: 1-1000ul, 10ul CV ≤ 3%, greater than 50ul CV ≤ 1%.
- 2 1-8 sample adding channels are optional, which can realize non equidistant liquid transfer, with a minimum spacing of 9mm.
- 3 Tip loading and tip stripping real-time monitoring to improve needle stripping efficiency and stability.
- 4 Compared with peers who have the same sample loading channel, its sample loading speed rivals international ones and is far ahead of Chinese ones.
- 5 Open sample loading platform, flexible hardware configuration, safe user rights management, and a perfect history tracing function.

### System Parameter

Instrument model	T1000	T2000	T4000	T8000
Sample type	Serum, plasma, whole blood, secretions, exfoliated cells, tissue, pharyngeal swabs, anal swabs, urine and feces, etc.			
Sample tube specification	Sample tubes compatible with 11-17mm specifications, other sample tubes can be customized			
Sampling channel	1	2	4	8
Pipetting range	1-1000uL, 10uL Cv≤3%, ≥50uL CV≤1%			
processing speed	Compared with peers who have the same sample loading channel, its sample loading speed rivals international ones and is far ahead of Chinese ones.			
Operating environment	Temperature: 10-35 °C, humidity: 15%-99% (relative humidity)			
Working power supply	Voltage: 100V-120V/200V-240V AC, frequency: 50/60Hz			
Application	Routine micro liquid handling, ELISA experiments, blood group detection, sample retention, molecular diagnosis, NGS automatic library preparation, pre-processing of mass spectrometry analysis, etc.			