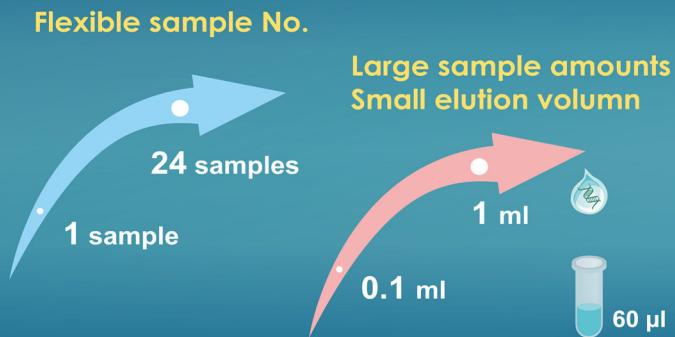


# LabTurbo 24 Compact System

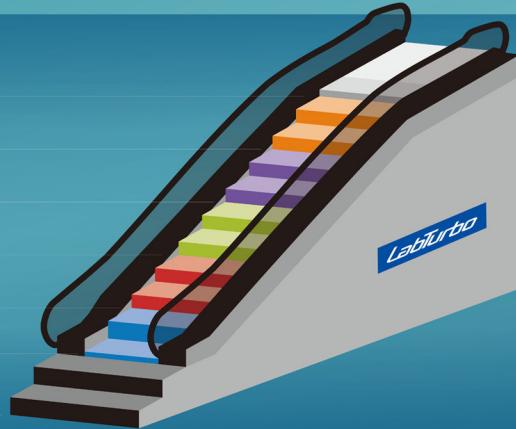
Bench-top automated DNA/RNA Extraction System



LabTurbo 24 Compact System is a bench top extractor. It can fully automate DNA/RNA extraction up to 24 samples in 70 minutes from raw sample to nucleic acid elution in compact body (WxDxH) 66 x 55 x 62 cm; LabTurbo 24 Compact System is excellent nucleic acid extractor for small to medium throughputs user.



Reaction setup
Elution (ready to use)
Nucleic acid purification
Thermo lysis of sample
Primary tube sampling
Worktable setup



## SPECIFICATION

### Throughput

1 – 24 samples

### Sample volume

0.1 – 1.0 ml (Standard)

### Elution Volume

60 – 200 µl (Standard) / > 0.2 – 0.5 ml  
(Optional)

### Processing time for 24 samples (whole blood)

- 0.2 ml in 70 min 0.5 ml in 100 min
- 1.0 ml in 120 min

### Function

- Barcode tracking and documentation
- Sampling from primary tube
- Nucleic acid purification
- Liquid handling (PCR setup)

### Pipette

- 6-channel pipette
- Volume range: 5 – 1000 µl
- Precision: CV<5%

### Vacuum station

- Vacuum pump (air flow 120 – 140 L/min)
- Waste bottle (5L) x 1

### Computer System

12" Touch panel PC Windows XP  
Embedded

### Size

66 cm (W) X 64cm (D) X 160 cm (H)

### Power Requirement

110 / 220 V, 50 – 60 Hz

### Regulatory

In compliance with CE standards

### Working unit

- Ultrasonic fluid sensor
- Automatic reagent feeder
- HCCEB tube rack
- 96 – well tip rack
- Primary tube rack
- Sample lysis thermo block
- Binding – washing vacuum manifold
- Elution vacuum manifold
- Tip reuse rack
- Tip disposal
- Proteinase K tube rack
- PCR master mix rack
- 96 – well PCR tube/plate adapter
- Pause door
- UV light