



## foodproof® RoboPrep® 32

RoboPrep® 32  

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foodproof® RoboPrep Series

Automation of DNA and RNA extraction using **RoboPrep 32®** is key to greater efficiency and reproducibility for laboratories performing food and veterinary sample testing. This allows you to optimize your daily routine, freeing up time for other valuable lab tasks. You can perform automated extractions of up to 32 samples. By using magnetic bead technology, in combination with heating blocks, the efficiency of sample lysis and elution is enhanced. The results are highly purified nucleic acids, free of inhibitory components, that can be used directly in real-time PCR assays.

The **RoboPrep 32** is intuitive to operate and does not require any special training. Protocols for **foodproof® Magnetic Preparation kits** are preinstalled. It offers full flexibility and can easily implement any other kind of extraction protocols using the integrated touch screen.

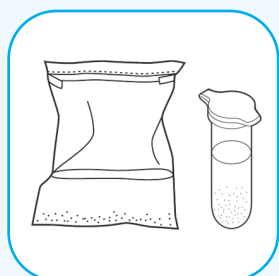
**Reduce hands-on time:** Automation frees up time for other tasks. It also produces consistent and reproducible results.

**Ease of use:** Pre-installed protocols, touch screen control.

**Flexible:** Open platform, customizable protocols, straightforward application.

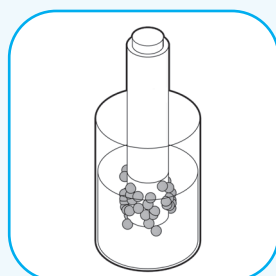
**Eliminate PCR inhibition:** High-quality nucleic acids, even from difficult food and veterinary matrices, can be directly used in PCR.

## Workflow



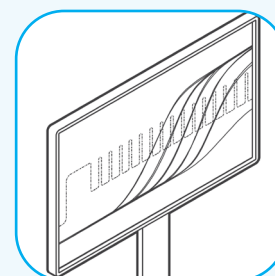
### Sample Preparation

Enrichment or homogenization



### DNA/RNA Extraction

Up to 32 samples in 40 min



### Real-Time PCR

80 - 120 min, depending on protocol and cycler

## Specifications

System	
Dimensions (w x d x h)	40 x 42 x 44 cm
Weight	25 kg
Sample capacity	Up to 32
Operating system	Easy-to-use interface with 7" touch screen
Decontamination	Integrated UV light (incl. door safety function)
Heating block temperature	Up to 80 °C for efficient lysis and elution
Power rating	AC 100 - 240 V
Consumables	
MLD 2300 45	12 deep well plates and 24 tip combs
Kits with Approved Application Warranty (pre-installed protocols)	
2301 80	foodproof Magnetic Preparation Kit I, 480 isolations ( <i>Salmonella</i> )
2301 82	foodproof Magnetic Preparation Kit III, 480 isolations (for GMO, allergens, animal identification)
2301 90	foodproof Magnetic Preparation Kit VI, 480 isolations (for food and animal viruses)
Ordering Information	
MCH 2300 00	RoboPrep® 32



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