

InnuPure® C96

- Fully automatized nucleic acid extraction based on well-proven separation by magnetic particles
- Optimal prepared for medium to high throughput and up to 96 samples in parallel
- Ready-to-Use extraction kits for simple handling and isolation of high quality nucleic acids
- Highly flexible system for different starting materials and volumes
- Minimal number of manual working steps
- Compact desktop instrument for each laboratory

System parameters

Extraction principle	Based on surface functionalized magnetic or paramagnetic beads; binding of nucleic acids onto beads for extraction
Extraction time	From 45 min (depending on starting material)
Liquid Handling	96 channel precision pipetting head with well-proven tip sealing technology
Device handling	PC control software
Maintenance	Maintenance-free due to the assignment of wearless high grade steel pistons
Cleaning/ Decontamination	<ul style="list-style-type: none"> ▪ Easiest cleaning of all system components via the front doors ▪ Optional: UV-Lamp and HEPA filter
Tempering	Automated, temperature-controlled position for 96 samples
Plate transfer	<ul style="list-style-type: none"> ▪ 4 functional positions inside the device ▪ Linear, moveable two position wagon

Application parameters

Consumables	Contained completely in the necessary kit
Lysis step	Automated inside the device (depending on the starting material)
Extraction routine	<ul style="list-style-type: none"> ▪ Pre-installed protocols (optimized for different kinds of starting materials)
Number of tips	Max. 96, one per preparation with 1000 µl

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Samples

Sample capacity

- Up to 96 samples in parallel
- Processing of different starting materials possible if pipetting protocols are identical

Sample amount Up to 2 ml or up to 50 mg

Elution

- Adjustable volume range 50 – 500 µl
- Transfer of nucleic acids into separate plastics for direct storage or downstream applications

Other technical data

Dimensions (W x H x D) 690 mm x 810 mm x 400 mm

Power supply Interne Stromversorgung
100 - 240 V/ 50 - 60 Hz

PC interface USB

Warranty 2 years

Accessories

Kits

- DNA isolation
- Bacterial and viral NA extraction
- Different starting materials



Subject to changes in design and scope of delivery as well as further technical development!