

InnuPure C12

- Fully automated system for extraction of nucleic acids with easiest operation of the device
- For low to medium sample throughput
- Very fast extraction of genomic DNA, cellular RNA, viral and bacterial nucleic acids, as well as processing of forensic samples
- High reproducibility and no cross-contamination
- For a variety of starting material

Extraction principle Based on surface functionalized magnetic or paramagnetic beads; binding of nucleic acids onto beads for extraction

System parameters

Extraction time 20 - 40 min (depending on starting material)

Engine 5 low-noise, long-life servo motors

Device handling Stand alone; update compliant via PC

Maintenance Maintenance-free due to the assignment of wearless ceramic pistons

Cleaning Easiest reaching of all system components via the front door

Application parameters

Consumables Contained completely in the necessary kit

Lysis step Automated in the device (depending on the starting material)

Extraction routine Pre-installed protocols (optimized for different kinds of starting materials)

Sample handling

- Single providing of tips, samples and extraction chemistry in the tray
- Insertion of pre-filled stripes (1x/2x per preparation) into the tray

Sample capacity

- Up to 12 samples in parallel
- Processing of different starting materials possible if pipetting protocols are identical

Volume tubes 0.5 – 2 ml for samples and buffer

Number of tips Max. 12 (24); one per preparation due to the salt gradient of the solutions

Tip volume Max. 750 µl per tip

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Other technical data

Weight	Approx. 28 kg
Dimensions (W x H x D)	380 mm x 370 mm x 530 mm
Temperature	5 - 40 °C
Humidity	Up to 80% relative humidity
Power supply	Internal power supply 100 - 240 V/ 50 – 60 Hz
PC interface	RS 232 and USB
Guarantee	2 years warranty

Accessories and kits

Sample tray	Rack for sample preparation (waste box included)
Blood DNA Mini Kit	Isolation of genomic DNA from up to 200 µl of whole blood samples
Blood DNA Midi Kit	Isolation of genomic DNA from up to 2 ml whole blood samples
DNA Kit	Isolation of genomic DNA from different types of starting material like tissue samples, buccal swabs, eucaryotic cells
Paraffin DNA Kit	Isolation of genomic DNA from paraffin embedded tissue material
Stool DNA Kit	Isolation of bacterial DNA or host DNA from stool samples
Plant DNA Kit	Isolation of genomic DNA from different kinds of plant material
RNA Kit	Isolation of total RNA from cells or tissue samples
Virus DNA Kit	Isolation of viral DNA from serum, plasma or other cell-free body fluids; from tissue samples, paraffin embedded samples, swabs and from cell cultures
Virus RNA Kit	Isolation of viral RNA from serum, plasma or other cell-free body fluids; from tissue samples, paraffin embedded samples, swabs and from cell cultures



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