

InnuPure C16 touch

The New Standard in Automated Extraction



Technical Data

InnuPure C16 touch

General

- Automated extraction of DNA and RNA from up to 16 samples in parallel
- Pre-filled, sealed reagent plastics (strips or plates) for easiest preparation
- Easy to use piercing tool renders opening of reagents unnecessary
- High precise liquid handling based on more than 25 years' experience in high throughput
- Stand-alone control by 10" tablet
- Optional: UV lamp for reliable decontamination between two runs

Extraction

Basis	Magnetic or paramagnetic particles and Smart Modified Surfaces (SE)
Handling	Automated; magnetic particle separation or SmartExtraction
Starting material for extraction	<ul style="list-style-type: none"> ▪ Whole blood, tissue, cells, swabs, FFPE ▪ Bacteria and mycobacteria, Stool ▪ Serum, plasma and other cell free body fluids ▪ Forensic samples ▪ Plants and Food ▪ Virus
Duration of extraction	<ul style="list-style-type: none"> ▪ External lysis: < 45 min (without lysis) ▪ Internal lysis: < 75 min (incl. lysis)
Ø Yield	<ul style="list-style-type: none"> ▪ Depending on type and amount of sample ▪ Tissue (20 mg): up to 50 µg ▪ Whole blood samples (200 µl): up to 10 µg ▪ Plant (100 mg): up to 60 µg
A260: A280	1.7 to 2.2
Elution volume	20 µl up to 500 µl (in steps of 10 µl)
Field of application	DNA and RNA extraction

Sample parameter

Number of samples	Up to 16 samples in parallel, incl. single sample preparation
Sample amount	<ul style="list-style-type: none"> ▪ Depending on the type of sample ▪ Up to 10 ml or 180 mg respectively
Sample handling	Depending on the sample type: internal or external lysis
Tempering	<ul style="list-style-type: none"> ▪ Up to 70 °C inside the sample ▪ Support of lysis, drying and elution

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Control

Control	Stand-Alone-Bedienung
Control and analysis software	IPextract
Operating system	Windows 10 IoT
Display	10" tablet PC, color, touch, WIN 10 IoT
Export function	Excel, *.csv, *.pdf
Quick start function	Yes
Memory capacity	Unlimited on tablet PC
Features	<ul style="list-style-type: none"> ▪ Kit-based wizard ▪ Automatic pipetting of chosen elution volume ▪ Automatic transfer of eluates into storage tubes with lid ▪ Pre-installed extraction and decontamination protocols ▪ Video sequences and display of residual time for ideal overview of the run

Liquid Handling

Pipetting head / Channels	Dosing unit with 16 channels
Tips	1 ml tip with aerosol filter
Working volume	Up to 1000 µl

Accessoires

Cleaning / Decontamination	<ul style="list-style-type: none"> ▪ Big front door for easy access and wipe decontamination of the sample room ▪ Optional: UV lamp for decontamination between two runs by 254 nm UV light
Adapter	Adapter for usage of up to 4 Reagent Strips
Kits and reagents	Ready-to-use kits for DNA and RNA extraction
Additional	Priming Station and Sample Tray

Dimensions

Weight	Approx. 30 kg
Dimensions (W x H x L)	400 mm x 543 mm x 550 mm
Recommended footprint	10 – 15 cm behind rear side of device

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Physical data

Interface	<ul style="list-style-type: none">▪ PC connection: USB▪ Tablet: 2x USB for data transfer, barcode reader...
Fuses	T 630 mA L 250 V; 2x TT 4 H 250 V
Power supply	100 – 240 V
Power consumption	Max. 850 W
Noise emission	Max. 45 dB
Operation conditions	15 to 35, 70% humidity, max. 2,000 m NN
Warranty	2 years incl. tablet PC

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