

V 4 steps easy start

Experience how easy it is to operate IKA-Pure 12 system. There are only 4 steps to go.



V Dedicated reagent kits for optimized results

The specialists of Biohint have various purification reagents developed in response to various demands for sample purification. No matter it is for plants, animals, virus, various types of blood, tissues, culture cell, PCR product, or various medical specimens, you choose only the corresponding purification reagent and one IKA-Pure® 12 system to fulfill all your research needs.

Specification

Model	IKA-Pure 12
Instrument Type:	Benchtop DNA/RNA/Protein Extractor
Sample Processing:	1 to 12 samples/batch
Sample Volume Handling:	1-200 uL
Processing Time:	See purification kit manual for details
Heat Block Temperature:	60°C to 70°C (assuming the room temperature of ~25°C)
Protocol Input:	Barcode Reader
Extension Capability:	Maximum for 96 samples / batch (by connecting 8 sets of IKA-Pure 12 system in parallel via RS-232 cable**)
Instrument Dimensions:	565 mm (w) x 580 mm (d) x 340 mm (h)
Weight:	60 pounds (27 kg)
Input Power:	AC 100-240 V, 240 VA, 50/60 Hz
Operating Temperature:	5-40°C
Operating Humidity:	30-80%

Ordering Information

I. Instrument

Product	Cat.#	Description
IKA-Pure 12	IKA-IP12	Multi-Function Automated Purification System (12 Sample Preps.)

II. Reagent

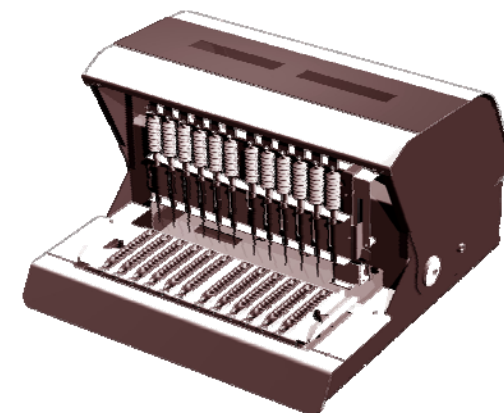
Product	Cat.#	Size / Description
DNA		
IKA-DNA Whole Blood 200 Kit	IKA-DB001	48 Preps / 100-200 uL Whole Blood
IKA-DNA Tissue Kit	IKA-DT001	48 Preps / 20-25 mg Tissue
IKA-DNA Plant Kit	IKA-DP001	48 Preps / 100 mg
IKA-DNA Culture Cell Kit	IKA-DC001	48 Preps / 10 ⁶ -10 ⁷ Cells
IKA-DNA Forensic Kit	IKA-DF001	48 Preps / Buccal Tests
	IKA-DF002	48 Preps / Tissue
IKA-Virus Nucleic Acid Kit	IKA-VN001	48 Preps / 200 uL from serum or medium
RNA		
IKA-Total RNA Kit	IKA-TR001	48 Preps / 10 ⁶ -10 ⁷ Cells or 10-25 mg Tissue
IKA-Virus Nucleic Acid Kit	IKA-VN001	48 Preps / 200 uL from serum or medium
Protein		
IKA-His-Tag Kit	IKA-PHT001	48 Preps
IKA-GST Kit	IKA-GST001	48 Preps
Other		
IKA-PCR Clean Up Kit	IKA-PCR001	48 Preps

Please kindly visit our website to get the latest product info (www.BIOHINT.com)

Distributed by

IKA-Pure 12

auto DNA RNA Protein purification system



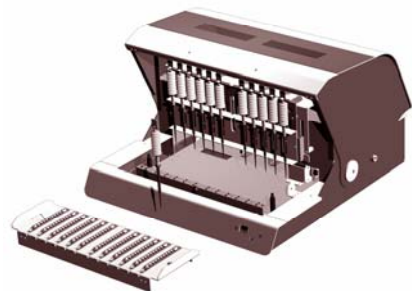
www.BIOHINT.com



IKA-Pure 12

The IKA-Pure 12 is a compact bench top extractor for rapid purification of DNA, RNA or Protein from a variety of samples including plant, tissues, cells and whole blood within 30 minutes.

- ✓ Truly Walk-Away Automation
- ✓ Most User-Friendly Operation
- ✓ Total Solutions To Multiple Bio-Molecule Purification



Patented IKA-Pure® Technology

The IKA-Pure® 12 is equipped with disposable IKA-Dropper, high precision two-dimensional X-Y stage installation, and prefilled reagent cartridge. The perfect combination will help have magnetic bead, specimens, and reagent completed the precise and rapid liquid aspiration, movement, mixture, and separation throughout the process of lysis, binding, washing, and elution. So, automatic purification can be conducted without the complicate robot arm or expensive liquid handling device and with good quality and high consistency purification resulted.

IKA-Pure brings you ...

- ✓ **Compact, standalone (No PC required)**
 - Built-in microprocessor and small footprint design make the IKA-Pure 12 easy to install and operate
- ✓ **Time and man power saving**
 - 1-12 samples / run
 - Allow upscale to 96 samples / run
 - Operation time: around 30 minutes (depending on kit types)
- ✓ **Comprehensive contamination prevention**
 - By using disposable liquid handling plastic and prefilled, ready-to-go reagent cartridge, users should not prepare chemicals and reagents by themselves, that can eliminate the occurrence of contamination
 - IKA-Dropper with a sealed air bladder structure, replacing the adoption of expensive electronic pipette devices and tips, help prevent the contamination from liquid or vaporized ir leakage.



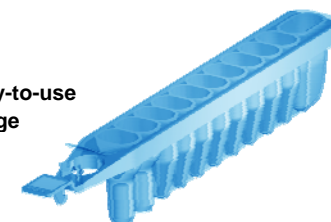
Sealed air bladder structure in IKA-Dropper



Easy to install IKA-Dropper

✓ Pre-filled, ready-to-use reagent cartridge

For the design of prefilled reagent cartridge comparing to the semi-automatic system that has reagent filled manually or manual kit operation, IKA-Pure® 12 system helps save the cost of manpower and time in laboratory and helps minimize the occurrence of human error.



Pre-filled, ready-to-use reagent cartridge

✓ Separated elution tube for end product yield

The yield will be transferred to the separated elution tube (Eppendorf tube). It allows a quick run for following experiments, quality test or storage.

✓ 1 sec Barcode Protocol Setup

No more complicated protocol setting procedure. The "Barcode Protocol Setup" design of IKA-Pure® 12 system is very unique and users are saved from the troublesome protocol programming, instead, users may use the built-in scanner to scan the bar code of the reagent to complete the programming easily.

