



Mupid™-ONE

Cat. No. MU2

The Mupid™-ONE is one of the most convenient DNA separation devices on the market. The safe and easy handling of the electrophoresis system allows you to create a perfect agarose gel with every run.

Mupid™-ONE - Innovative system

The Mupid™-ONE system offers unique features for an innovative gel electrophoresis operation. It includes an integrated power supply that can be easily connected or disconnected to the electrophoresis chamber. It also contains a simple buffer drainage system to comfortably discard the running buffer. Gaps in the lid prevent condensation of steam and ensure a clear view on the running gel.

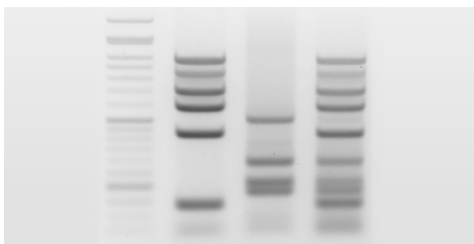
- ✓ Compact gel electrophoresis system (HxDxW: 5.9 x 16.2 x 18.3 cm)
- ✓ Seven preset voltages (18 V - 135 V) and timer function
- ✓ Integrated power supply
- ✓ Safe usage with safety lid interlock system
- ✓ Complete package with included sets of combs and gel trays

Convenient and safe gel electrophoresis

The system is intuitively operated via the power controller, where seven preset voltages (18V -135V) and a timer function can be set for optimal running conditions. Parameters of the last run are automatically memorised and saved.

The safety interlock lid prevents operating the electrophoresis system without a lid. If the lid is missing, the voltage cannot be applied.

Example of gel electrophoresis performed with MUPID-ONE



Big gel casting set included in package

The Mupid™-ONE system comes with a complete set for casting agarose gels. This casting set includes 4 combs, which can be used from both sides, with 13 wells or 26 wells. Also included are 2 gel trays small (S) for the preparation of mini gels and one gel tray large (L) for the preparation of larger gels. All gel trays are made from high quality heat resistant material.



The MUPID™-ONE LED illuminator

The Mupid™-ONE LED illuminator (MU4) is an accessory item, that can be used as a substitute for the standard lid of the Mupid™-ONE system (MU2). The illuminator produces blue light (470 nm), which is effective for the excitation of safe nucleic acid stains. It allows the visualization and live detection of DNA fragments during the electrophoresis run. The inbuilt amber filter allows you to easily see the bands and quickly check your results without wearing filter goggles.



Customer Testimonial

Highly portable electrophoresis system. Low space requirement as well as easy transport of the whole system makes it very useful in courses as well as in labs with changing experimental environment. Electrophoresis performance is very good, as well as leak tightness during gel casting.

Dr. Sturm / Applied Biosciences / Karlsruhe Institute of Technology, Germany

About us

NIPPON Genetics EUROPE is a Japanese-German Life-Tech company, focussing on the development of cutting edge products. We have over 30 years of experience in the life-science sector and want to provide the best service and solutions for your research requirements.

Need more information?

If you need more information, or have any questions about our systems, feel free to contact us. We also offer product demonstrations online or in your lab. Just arrange an appointment with us!

Visit our webpage: www.nippongenetics.eu

NIPPON Genetics EUROPE GmbH



FastGene®

PAGE Protein System

Cat. No. PG01

With the FastGene® PAGE Protein System you get a complete package for protein analysis. The system impresses with robust, high-quality components and a unique and secure locking system.



Powerful analysis

PAGE (Polyacrylamide Gel Electrophoresis) is a common analytical method to determine the molecular weight of proteins. During PAGE, proteins migrate through a gel matrix in response to an applied electric field, leading to size dependent separation.

Have a look at contents and accessories of the PAGE Protein System on our website:

www.nippongenetics.eu



Components of the FastGene® PAGE Protein System gel electrophoresis set (PG01)



The FastGene® PAGE Protein System -
Electrophoresis tank and lid

All you need for PAGE

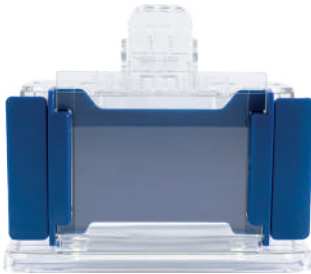
- ✓ Complete package for PAGE protein analysis
- ✓ 3 types of sealing strips ensure high compatibility with different precast gels
- ✓ Includes tube stand and glass plate holder
- ✓ Runs 1 to 4 gels with two electrophoresis chambers

Enjoy maximum security and flexibility

- ✓ Innovative, simple and secure locking system prevents buffer leakage
- ✓ Smart lid and tank design ensures the correct assembly of all PAGE components
- ✓ System compatible with 8x10 and 10x10 cm gels
- ✓ Use precast gels from different manufacturers: FastGene®, Bio-Rad™ or ThermoFisher™



The PAGE components are easy to use and enable a robust and secure set up



Gel hand-casting set - gel solution leakage is prevented by a tight locking mechanism

Pour gels - easy and successful

- ✓ Gel hand-casting set for casting 1 mm gels included
- ✓ Convenient and secure pouring of gels - without leakage!
- ✓ Glass spacer incorporated in glass plates
- ✓ Additional gel casting sets available for casting 0.75 mm or 1.5 mm gels.

Do you perform Western-Blot analysis?

Then gear up your FastGene® PAGE electrophoresis tank with the FastGene® Western-Blot components (PG09) and transform it into a powerful wet-blotting system!



Check out the FastGene® Western-Blot System on our website:



About us

NIPPON Genetics EUROPE is a Japanese-German Life-Tech company, focussing on the development of cutting edge products. We have over 30 years of experience in the life-science sector and want to provide the best service and solutions for your research requirements.

Need more information?

If you need more information, or have any questions about our systems, feel free to contact us. We also offer product demonstrations online or in your lab. Just arrange an appointment with us!

Visit our webpage: www.nippongenetics.eu

NIPPON Genetics EUROPE GmbH



BIO-Fragment Analyzer

An easy to use fragment separator

- ✓ DNA and RNA quality control
- ✓ NGS-library check
- ✓ Protein profiling
- ✓ MDx - cfDNA detection
- ✓ and much more...



Perfect performance confirmed in German laboratories

★★★★★ „The instrument is absolutely amazing! The resolution and the sensitivity of the instrument are really good! We are very happy to finally be able to analyze our libraries in-house, before sending them for sequencing[...]“

V.L. Gotsmann, Eukaryotengenetik, TU Kaiserslautern, Germany

Patented Technology - Easy Application - Perfect Results

Ready-to-use Cartridges

The exchangeable and reusable cartridges enable a fast analysis without the long preparation time and is ready in a few steps:

 **Introduce the CARTRIDGE**

 **Place the SAMPLE**

 **Choose the METHOD**



Patented capillary electrophoretic technology

Versatile

Special cartridges for many applications*

Reusable

A cartridge can be used for up to 300 samples

Easy

The cartridge do not need to be prepared

Clean

The capillary gel regenerates automatically between the runs



New European Patent

(EP2609420)

The present invention provides a simplified, low cost, high efficiency, highly sensitive, high throughput bio-separation system.“

Patent Description Page 4

* For more information about the cartridges, the patents and the technology, visit our website: www.nippongenetics.eu

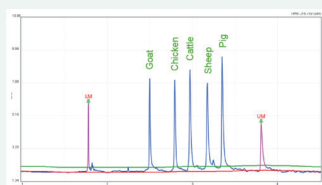
BIO-Fragment Analyzer

Three Models – Suitable for any sample throughput

The three Qsep Fragment Analyzer models differ in the number of samples to be analyzed per run. Handling, technology and the type and quality of the applications that can be carried out are identical for all models.

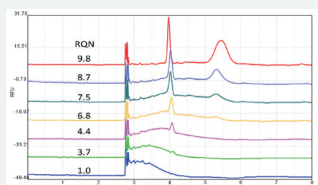


Technology and Applications



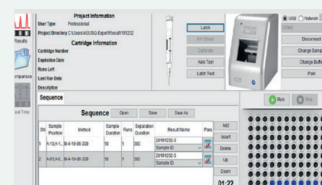
Qsep - System

- Versatile and cost-saving**
For DNA-, RNA- and Protein-Analysen
- Flexible and time-saving**
For 1-96 Samples
- Reliable and fast**
Reproducible results in
2-7 minutes per sample
- User friendly**
Automatic sample injection



Applications

- DNA and RNA quality control
- cfDNA detection
- NGS verification
- fragmented DNA
- MDx (Molecular Diagnostics)
- protein profiling
- mRNA vaccine quality control



Software

- Intuitive**
Easy to handle
without long training periods
- Precise**
Ready-made methods
optimized for all applications

Contact us now for price information or to book a demonstration!